STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 1

APPLICATION FOR INJECTION WELL

Name of Operator Westport Oil and Gas Company, L. P.	Utah Account Number N	Well Name and Number Wellington Federal 44-6 SWD
Address of Operator 1670 Broadway-2800 CITY Denver STATE CO ZIP 80202-4800	Phone Number (303) 573-5404	API Number
Location of Well Footage : 937' FSL, 658' FEL County : Carbon QQ, Section, Township, Range: SESE 6 14 11 State : UTAH		Field or Unit Name Helper Lease Designation and Number

Is this application for expansion of an existing project?		Yes ☐	No ☑
Will the proposed well be used for:	Enhanced Recovery?	Yes ☐	No ☐
	Disposal?	Yes ☑	No ☐
	Storage?	Yes ☐	No ☐
Is this application for a new well to be drilled?		Yes ☑	No ☐
If this application is for an existing well, has a casing test been performed? Date of test: ______		Yes ☐	No ☐

New UIC Form

Proposed injection interval: from 5,850 to 6,375

Proposed maximum injection: rate 6,500 bpd pressure 2,150 psig

~5½ bpm
1347 #

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: Drilling Prognosis and wellbore diagram

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

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MAR 5 2003
DIV OF OIL, GAS & MINING

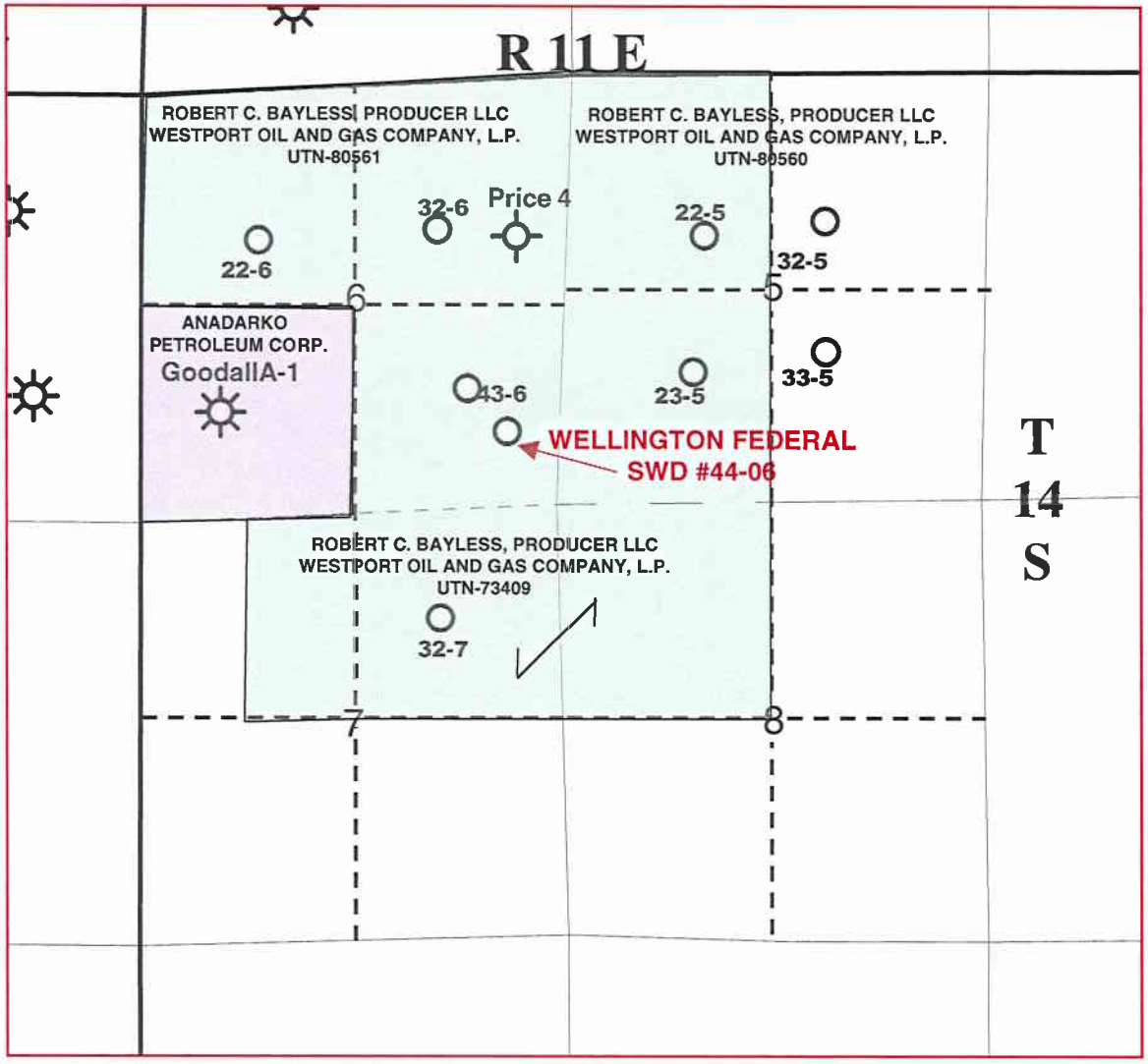
I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Daniel S. Carroll Title Senior Engineer

Signature [signature] Date 3/5/2003

(5/2002)

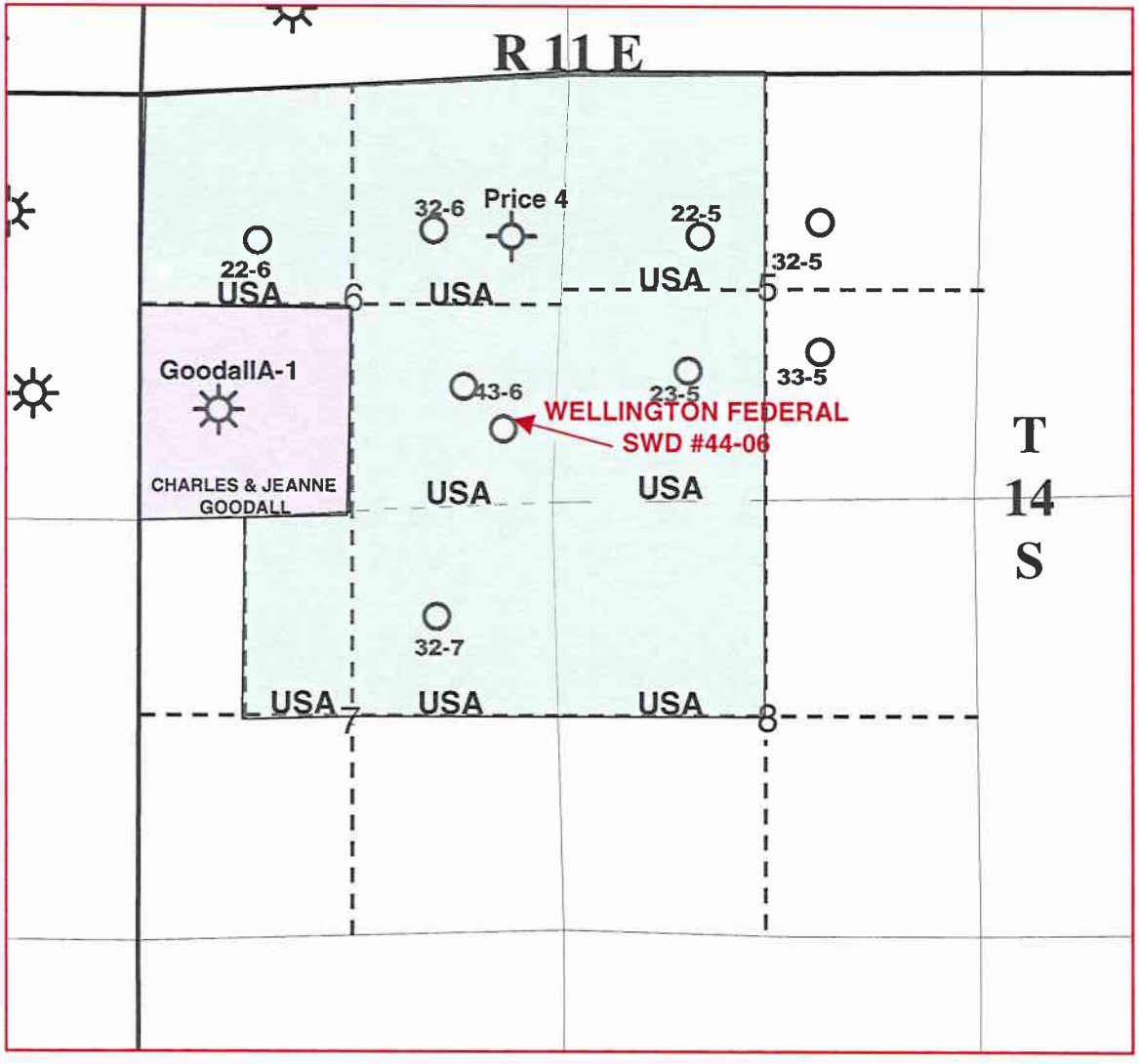
CARDINAL DRAW
WELLINGTON FEDERAL SWD #44-06
CARBON CO., UTAH



LEASEHOLD OWNERSHIP WITHIN ½ MILE OF LOCATION

Westport Oil and Gas Company, L.P
Oct 21, 2003.

CARDINAL DRAW
WELLINGTON FEDERAL SWD #44-06
CARBON CO., UTAH



SURFACE OWNERSHIP WITHIN ½ MILE OF LOCATION

Westport Oil and Gas Company, L.P
Oct 21, 2003.

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

March 13, 2003

Daniel S. Carroll
Westport Oil and Gas Company
1670 Broadway-2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 SWD Application

Dear Mr. Carroll:

The Division of Oil, gas & Mining (DOGM) received the application for the above mentioned well on March 12, 2003. A brief review of the submitted material found the application to be deficient in numerous areas. I am returning the submitted material to you along with a DOGM guidance document on preparation of applications for Class II injection wells. Please refer to the guidance document and resubmit you application with the necessary information.

If you have any questions concerning this matter please feel free to call either Chris Kierst (801-538-5337) or myself (801-538-5315) at this office. Chris Kierst will be the person assigned to the review of this application.

Sincerely,

Brad Hill
Petroleum Geologist

cc: Chris Kierst

Utah!
Where ideas connect

001

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.	6. SURFACE:
UTU-80561	FEDERAL

1A. TYPE OF WORK: DRILL [X] REENTER [ ] DEEPEN [ ]

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL [ ] GAS [ ] OTHER SWD SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:
WESTPORT OIL AND GAS COMPANY, L. P.

9. WELL NAME and NUMBER:
Wellington Federal 44-6 SWD

3. ADDRESS OF OPERATOR:	CITY	STATE	ZIP	PHONE NUMBER
1670 Broadway - Suite 2800	Denver, CO		80202-4800	(303) 573-5404

10. FIELD AND POOL, OR WILDCAT:
Helper Field - Navajo

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 937' FSL, 658' FEL 4386878Y 39.63323 523761X -110.72312
AT PROPOSED PRODUCING ZONE: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SESE, Sec. 6, T 14 S, R 11 E, S.L.B.&M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
approximately 6.7 miles ESE from Price, UT

12. COUNTY:	13. STATE:
Carbon	UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
658'	490 acres	160 acres

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED DEPTH:	20. BOND DESCRIPTION:
~2500'	6485	Statewide Blanket ~~RLB0005236~~ 158624364

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:
6087' Ungraded Ground Level	Upon APD Approval	5 days drilling plus 9 days completion

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
24"	20" Conductor	0 - 40'	28 sxs Premium AG
17.5"	13.375" 48# J-55 ST&C	0 - 400'	20 bbl spacer w/ gel water. 530 sxs Premium AG. Slurry yeild 1.16 cu. ft. / sack, 15.80# / gal w/ 2% CaCl, 0.125# per sack Poly E Flakes
12.25"	9.625" 40# K-55 ST&C	0 - 2900'	20 bbl spacer. 180 sxs Premium AG w/ 1% CaCl and 0.125# per sack Poly E Flakes. Slurry yeild of 1.83 cu. ft. per sack
8.75"	7" 26# K-55 ST&C	0 - TD	300 sxs 50/50 Poz mix w/ 5% Bentonite Lite, 8% Cal Seal 60. Slurry yeild 1.34 cu. ft. per sack

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25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

[X] WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
[ ] EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
[X] COMPLETE DRILLING PLAN
[ ] FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) ~~Daniel S. Carroll~~ TITLE Senior Engineer

SIGNATURE DATE March 13, 2003

(This space for State use only)

API NUMBER ASSIGNED: 43-007-30912

APPROVAL:

Federal Approval of this Action is Necessary

Approved by the Utah Division of Oil, Gas and Mining

Date: 04-01-03

By:

(11/2001)

T14S, R11E, S.L.B.&M.

R 10 E | R 11 E

T13S
T14S

S87°40'01"W – 2730.74' (Meas.)

S87°39'04"W – 2708.69' (Meas.)

S00°52'31"E 2654.52' (Meas.)

West 1/4 Cor. Sec. 32, 1965 Brass Cap, Pile of Stone, Bearing Tree

S89°34'02"E – 2616.07' (Meas.)

North 1/4 Cor. Sec. 5 1965 Brass Cap, Flush with Gound, Pile of Stones

1965 Brass Cap, 0.4' High, Pile of Stones, PVC Pipe, Bearing Trees

1965 Brass Cap, 0.5' High, Pile of Stones

Lot 4 | Lot 3 | Lot 2 | Lot 1

S00°16'32"E 2660.42' (Meas.)

N02°29'23"E – 2760.16' (Meas.)

Lot 5

1965 Brass Cap, 0.5' High, Pile of Stones, Steel Post, PVC Pipe

6

1965 Brass Cap 0.5' High, Small Pile of Stones,

Lot 6

S45°04'53"E – 3623.90' (Meas.)

S01°31'W – 40.39 (G.L.O.)

WELLINGTON FEDERAL SWD #44-6

Elev. Ungraded Ground = 6086'

658'

937'

N02°23'58"E – 2589.21' (Meas.)

Lot 7

1965 Brass Cap, 0.4' High, Pile of Stones, Old Lath

(20.06) (19.90)

S01°31'W – 40.39 (G.L.O.)

N87°53'16"E – 2629.44' (Meas.)

Brass Cap, 0.7' High, Large Pile of Stones, Steel Post

WESTPORT RESOURCES CORP.

Well location, WELLINGTON FEDERAL SWD #44-6, located shown in the SE 1/4 SE 1/4 of Section 6, T14S, R11E, S.L.B.&M. Carbon County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED ON A JEEP TRAIL IN THE NW 1/4 OF SECTION 32, T13S, R11E, S.L.B.&M. TAKEN FROM THE DEADMAN CANYON QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6460 FEET.

N

1000' 500' 0' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 3-11-03

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)
LATITUDE = 39°37'59.38" (39.633161)
LONGITUDE = 110°43'25.03" (110.723619)

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.
△ = SECTION CORNERS RE-ESTABLISHED USING DOUBLE PROPORTION METHOD (NOT SET ON GROUND)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-9-03	DATE DRAWN: 1-10-03
PARTY G.O. S.B. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE WESTPORT RESOURCES CORP.	

002

WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202
Telephone: 303 573 5404 Fax: 303 573 5609

March 24, 2003 **FEDERAL EXPRESS**

Diana Mason
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Application For Permit To Drill
HELPER FIELD
Township 13 South – Range 11 East, S.L.B.&M.
North Bench State 12-32
SWNW Section 32
North Bench State 23-32
NESW Section 32
North Bench State 32-32
SWNE Section 32
North Bench State 33-32
NWSE Section 32
North Bench State 42-19
SENE Section 19
Carbon County, Utah
Township 14 South – Range 11 East, S.L.B.&M.
Wellington Federal 44-6 SWD
SESE Section 6
Carbon County, Utah

Dear Ms. Mason:

Please find enclosed for your consideration and approval one (1) original and one (1) copy of the remaining materials to be included with the previously mailed Application For Permit To Drill for the above referenced wells.

Diana, I want to thank you for all of your assistance last week. Hopefully, with the enclosed paperwork, we will meet the State of Utah requirements for an approved APD package. If you find any additional materials you need or require, please don't hesitate contacting me.

Sincerely,
WESTPORT OIL AND GAS COMPANY, L. P.

Debby J. Black

Debby J. Black
Engineering Technician
303 575-0113 or
dblack@westportresourcescorp.com

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DIV. OF OIL, GAS & MINING

xc: Dan Carroll, Robert Kozarek

UT ST APD Ltr

MASTER DRILLING PROGRAM
Well Helper Field - Ferron Coal Program
Cardinal Draw Prospect
Sections 19 and 32: Township 13 South – Range 11 East
Section 6: Township 14 South – Range 11 East
Carbon County, Utah

Operator: Westport Oil and Gas Company, L. P.

INTRODUCTION

Westport Oil and Gas Company, L. P.'s (Westport) proposes Well Helper Field Ferron Coal Program in Cardinal Draw Prospect located within Carbon County, Utah. The Well Helper Field Ferron Coal Project (Project) consists of five (5) proposed locations for 5 wells and one (1) Salt Water Disposal well. Four (4) of the wells are located in Sections 19 and 32 in Township 13 South – Range 11 East and one (1) Salt Water Disposal located in Section 5 in Township 14 South – Range 11 East. At each location, all wells will be drilled through the Ferron formation. The Project area can be accessed from county roads, some improvement to roads for access to the well sites and production facility locations.

ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

A table summarizing information for each of the five (5) wells, plus one (1) Salt Water Disposal well in the Project are included in this document. In general, the ground elevation ranges from 6339 feet above mean sea level (MSL) to 6751 feet MSL graded at stake. The top of the Ferron of the Mesa Verde Formation lies approximately 2000 feet to 4150 feet below ground surface (BGS) and is 280 feet thick resulting in total approximate depths of 2280 feet to 4430 feet BGS.

WELL NAME AND NUMBER	LOCATION	TD	GR
North Bench State 42-19	SENE Sec. 19: T 13 S - R 11 E, 2111' FNL, 1204' FEL	4650'	6751'
North Bench State 12-32	SENW Sec. 32: T 13 S – R 11 E, 1473' FNL, 1239' FWL	3420'	6419'
North Bench State 23-32	NESW Sec. 32: T 13 S – R 11 E, 1568' FSL, 2031' FWL	3200'	6341'
North Bench State 32-32	SWNE Sec. 32: T 13 S – R 11 E, 1500' FNL, 1500' FEL	3470'	6409'
North Bench State 33-32	NWSE Sec. 32: T 13 S – R 11 E, 1840' FSL, 1986' FEL	3200'	6339'
Wellington Federal 44-6 SWDW	SESE Sec. 6: T 14 S – R 11 E, 937' FSL, 658' FEL	6485'	6087'

WELL NAME AND NUMBER	FORMATION	TOP	BOTTOM
North Bench State 42-19	FERRON COAL	4150'	4430'
North Bench State 12-32	FERRON COAL	2920'	3200'
North Bench State 23-32	FERRON COAL	2700'	2980'
North Bench State 32-32	FERRON COAL	2970'	3250'
North Bench State 33-32	FERRON COAL	2700'	2980'
Wellington Federal 44-6 SWDW	NAJAJO	5850'	6135'

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PRESSURE CONTROL EQUIPMENT

Notification will be reported to the proper state and/or federal authorities 24 hours prior to initial BOP test.

Blowout Preventer Hook Up

After initial WOC time has expired, a SOW 11" x 9.625" 5000 psi casing head will be installed. Test wellhead weld to 2000 psi with hydraulic oil. BOP equipment will consist of an 11 5000 psi, double ram preventer with blind and pipe rams as well as an annular preventer. An HRC valve will be installed between BOP spool and choke manifold with controls on rig floor. Spool will be located between casing head and BOP's.

Test pipe rams, blind rams and choke manifold to 5000 psi high pressure test and 300 psi low pressure test perform this test with a test plug in the casing head and the casing head valve below the test plug open. Test the annular preventer to 50% of rated working pressure (0.50 x 5000 = 2500 psi). Test the surface casing to 70% or the internal yield strength (0.70 x 3950 psi = 2765 psi), refer to BLM Onshore Order # 2, section III A – Well Control Requirements for a complete discussion of BOP, BOPE and Surface Casing testing requirements. Record test results and notate on daily drilling reports to Westport Oil and Gas Company, L. P.

The pipe rams will be operationally checked each 24 hours. Blind rams will be function tested each time pipe is pulled out the hole, but not more than once every 24 hours. The annular preventer shall be function tested weekly. A BOP pit level drill shall be conducted weekly for each drilling crew. All BOP function tests and pit drills shall be properly noticed in the IADC tour sheets as they are performed. Studs on all wellhead flanges will be checked for tightness each week. A drill stem safety valve will be set in the open position and readily available on the rig floor at all times. Pipe and blind rams will be tested to 5000 psi high/300 psi low at least once every 30 days to meet requirements.

Trips required after pressure anomalous zones are penetrated should be made at minimum rate to prevent hole swabbing or pressure surges. **Note: Keep hole full at all times.**

Westport requests that they be allowed to employ the following safety measures and well control equipment on its wells.

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 12.25" hole 10% of the total depth of each well. Run an electronic multi shot after reaching surface hole total depth.
3. Run 8.625" surface casing and cement as specified in the casing and cementing sections of this Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.

8. Drill a 7.875" hole to the top of the Ferron Coal with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Run open hole logs as specified in the logging section.
11. Pending log evaluation, run sidewall cores or prepare to run 5.5" casing and cement in full tension as specified in the casing and cementing section of this Master Drilling Plan.
12. Clean the location and release the drilling rig.

By allowance of the above measures for well control it is Westport's opinion that all operations will be conducted safely.

Attached as Exhibit G & H are a schematics of the BOP Equipment and Choke Manifold.

LOCATION AND TYPE OF WATER SUPPLY

All water needed for drilling purposes will be obtained from the Price River municipal water source, since this well will be primarily drilled with air therefore, minimal water will be needed.

MUD PROGRAM

The reserve pit will be lined with 9-mil liner.

Drilling fluid will be air and kept in optimum condition at all times. The representative will also be readily available if any problems are encountered. Representative should plan to be on location prior to and during any logging or casing running operations as well as during the conversion from fresh water to gel system.

Spud in with water. Mix gel and lime as needed to clean the hole prior to running surface casing. 8.625" conductor casing will be set at 10% of the total depth of the well.

Interval	Type	Weight	Viscosity, sec	Fluid loss
Surface – 460'	Gel/Lime	8.4 – 8.6	26 - 38	No Control
Surface - T.D.	Air			

Note:

1. Copy of mud engineers daily mud report will include accurate cost estimates and inventory listings.
2. Copies of daily mud reports will be given to drilling foreman and left in doghouse.
3. Morning reports must contain current mud properties requiring the mud engineer to make mud checks before 6:00 a.m.
4. Sweep the hole as frequently as the hole dictates.

PROPOSED LOGGING PROGRAM

LOGGING TOOL	TOP logged interval	BOTTOM logged internal
Induction/GR/SP	Base of conductor casing	Total Depth
CNL-FDC (High Resolution)	For 2000' or to base of surface casing	Total Depth

Electric logs will be acquired when total depth is reached. Short trips prior to logging will be at the discretion of the drilling foreman on location. Viscosity of the mud will be raised to 45 – 50 sec/qt prior to pulling pipe for logs.
The logging contractor will be notified 24 hours in advance.

Notes:
1. Under no condition will the logging tools be stopped in hole.
2. Caliper and measure all tools run in hole.

Drilling Samples

Collect samples as follows: 30' samples from 0 to 2600', 10' samples from 2600' to 2910', 10' samples from 2910' to 3100' and 10' samples from 3100 to TD. Well site geologist: Bob Kozarek, home phone (303-321-6180)

Mud Logging Unit

None

Hole Deviation Survey

Surface hole deviation is not to exceed 5' with surveys to be taken at 320' and more often if deviating. Below surface casing deviation will not exceed 7° to total depth projected. Below surface, angle changes between surveys will be limited to 1° per survey at 500' intervals.

Drilling Time

Electronic drilling time recorder (Pason or equivalent) is to be used. **Note:** Down time, lost circulation and deviation surveys along with mud pump pressure, mud checks, weight on bit and rotary rpm are to be recorded at the respective depths. The digital files are to be sent on floppy disk to the Sauer Denver office at the end of the hole.

Surface Hole – 12.25 Inch Interval

1. Drill a 12.25" hole to 10% of well's total depth.
2. Circulate and sweep hole as necessary to clean hole.
3. Surface casing will be **new** 8.625" OD.
4. Thread lock the first two joints of pipe and float equipment. Increase torque values by 1.1 percent when using thread lock. Run +/- 10% of TD of casing and install centralizers.

Casing Selection

!! Specify special drift 40 ppf casing for 8.75" bit !!

Interval	Size	Weight	Grade	Thread	Collapse	Torque
0- 10% TD	8.625"	28.00	H 40	ST & C	1640	2610

Design & Safety Factors

Weight	Grade	Thread	Depth	Length	Collapse	Burst	Tensile
28	H-40	ST & C	10% of TD	10% of TD	1.129	1.01	2.17

Notes: All collapse factors account for axial loading.

Cementing Surface Pipe

1. Circulate up one casing volume (approximately 20 barrels).
2. Work pipe.
3. Pump 10 bbls water ahead and test lines to 3,000 psi.
4. Mix and pump cement as per program.
5. Release top plug.
6. Reciprocate pipe while cementing and set on bottom as neat cement rounds the shoe.
7. Bump plug to 750 psi over final lifting pressure. However, do not exceed 2470 psi (70% of internal yield strength). Hold for 5 minutes and check flow back. Hold pressure if the float fails.
8. Do not over displace more than 1.5 bbls.
9. WOC 8 hours. WOC time will be 8 hours before beginning to nipple up or the minimum amount of time to achieve 500 psi compressive strength based on lab results.
12. Nipple up 11 inch x 5,000 psi BOP.

First Stage Cement Design

Vendor: Halliburton	Surface Cement
Volume	10% of Total Depth to Surface
Yield	1.18 cu ft / sack
Mix Water	5.20 gallons / sack
Weight	15.6 ppg
Content	Premium Plus Cement, 2% Calcium Chloride, 0.25#/sk Poly E Flake

Important:

1. Cement and water to be used must be checked in the lab for properties before mixing.
    1. After WOC time has expired and the BOP is installed; if the cement on the outside of the surface casing is not to ground level, top off with either a hot API premium cement or ready mix. Do not use gravel. After reaching total depth and logging the well, Westport's Denver office will give orders to plug and abandon wells, run side wall cores or run 5.5" production casing. If production casing is to be run, drill pipe and bit will be RIH to TD and the hole conditioned for casing. Short trips will be made necessary to insure the hole is in optimum condition. The hole will be circulated a minimum of 4 hours prior to POOH for casing. **Note: The hole and**

drilling mud will be in optimum condition prior to running production casing. Once hole and mud are properly conditioned, drill pipe and collars will be POOH and lay down.

PRODUCTION CASING AND CEMENT PROGRAM – 8.75 Inch Interval

After reaching total depth and logging the well, Westport Oil and Gas Company's representative will give orders to plug and abandon well, run side wall cores or run 5.5" production casing. If production casing is to run, drill pipe and bit will be RIH to total depth and the hole conditioned for casing. Short trips will be made as necessary to insure the hole is in optimum condition. The hole will be circulated a minimum of four (4) hours prior to POOH for casing. Once hole and mud are properly conditioned, drill pipe and collars will be POOH and lay down. **New** 5.5" casing will be run to bottom with appropriate equipment.

The casing will be delivered to location immediately upon the decision to run. It will be racked according to design and each joint numbered and tallied. The drilling foreman will be responsible for accuracy in the racking and tallying process. Each joint will be drifted using API drift. Any joints not drifting properly will be replaced. All joints will be inspected for damaged threads and each thread cleaned prior to running.

Weight	Grade	Thread	Collapse	Burst	Tensile	Torque
15.5	K-55	LT&C	4040	4810	248,000	2050

Notes: All collapse factors account for axial loading.

Run centralizers on the first 5 joints of casing. The shoe joint should have centralizers on a stop ring five (5) feet up from the shoe. Well site Engineer may revise.

After casing is run, circulate and work casing down until it is one foot off bottom. Circulate hole clean and cement as follows:

1. Circulate bottoms up while working the pipe.
2. Pump 20 bbls. of chemical wash.
3. Shut down and test lines to 6,000 psi.
4. Mix and pump cement.
5. Drop top plug.
6. Displace with 2% KCL water.
7. Reciprocate the casing while the cement rounds the corner.
8. Bump plug to 750 psi over the final displacement pressure (approximately 3500 psi).
9. Hold pressure 5 minutes.
10. Check for flow back.
11. Shut in and hold pressure if the float equipment fails. Wait 8 hours or enough time to attain 500 psi compressive strength.
12. Pick up the BOP and set the casing slips.

Cement volumes are based on raising cement to base of surface with 30% excess. Once logs are obtained, calculate actual hole volume and calculate new cement volumes based on log value plus 10%.

Cement Specifications:

Stage Two Cement Design

Vendor: Halliburton	Lead	Trail
Volume	Cement back to surface casing	Cement back to surface casing
Yield	1.97 cu ft / sack	1.60 cu ft / sack
Mix water	9.78 gallons per sack	7.89 gallons per sack
Weight	12.5 ppg	14.2 ppg
Content	50/50 Prem/Poz, 8% Gel total, 10% Cal-Seal and 0.25#/sack Poly E Flake	50/50 Prem/Poz, 10% Cal-Seal, 1% Calcium Chloride, 0.25#/sack Poly E Flake

Tubing Head

1. Make a final cut on the 5.5". Set slips – casing in full tension.
2. Install tubing head and protective flange.

SURFACE AND MINERAL OWNERSHIP:

Surface Owner: Department of the Interior, Bureau of Land Management, 82 East Dogwood, Moab, UT 84532.

Mineral Owner: Department of the Interior, Bureau of Land Management, 82 East Dogwood, Moab, UT 84532.

ABNORMAL CONDITIONS

Below-normal pressures are anticipated in the pilot and reamed hole. The surface sands and the coal are potential zones of lost circulation. Potential for lost circulation will be alleviated by the use of compressed air as the drilling medium.

No hydrogen sulfide (H_2S) has been encountered in or is known to exist in wells previously drilled to similar depths or to the target coal in the general Project area.

Maximum anticipated bottom hole pressure ranges from approximately 485 to 550 psig (calculated at 0.433 psi/foot of hole). Maximum anticipated surface pressure ranges from approximately 350 to 400 (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.33 psi/foot of hole).

PLANS FOR RESTORATION OF THE SURFACE

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: *Adjacent undisturbed land in a windrow fashion.*

Topsoil along the access road will be reserved in place adjacent t the road.

Immediately upon completion of drilling, all equipment that is not necessary for production will be removed.

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The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be re-contoured to replicate the natural slope.

The stockpile topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The seed mixture will be used according to State of Utah recommended mixture.

The abandonment marker will be one of the following, as specified by the State of Utah:

1. at least four feet above ground level,
2. at restored ground level, or
3. below ground level.

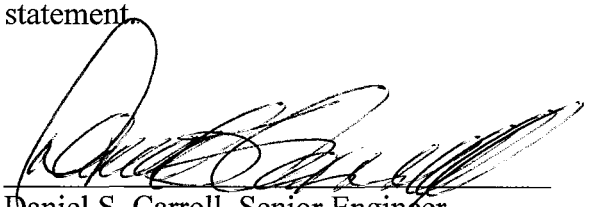
In any case the marker shall be inscribed with the following: operator's name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footage).

Lessee's or Operator's Representative and Certification

Representative:	Dan Carroll
Name:	Dan Carroll
Address:	1670 Broadway, Suite 1800 Denver, CO 80202-4800
Phone:	(303) 575-0137
Cell:	(303) 819-1262

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Westport's Statewide Blanket Bond RLB005236. This statement is subject to the provision of 18 U.S.C. 1001 for the filing of a false statement.



Daniel S. Carroll, Senior Engineer

Dated: March 24, 2003

WEST[redacted]ORT OIL AND GAS COMPA[redacted], L.P.
FERRON COAL PROJECT
WELLINGTON FEDERAL 44-6 SWD
SESE 937' FSL, 658' FEL
Section 6: Township 14 South – Range 11 E, S.L.B.&M.
Carbon County, Utah

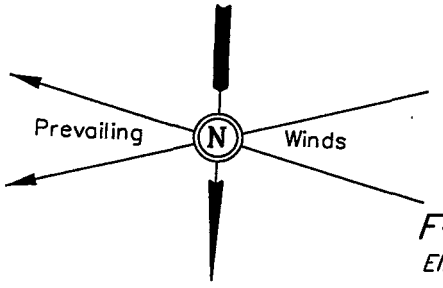
DRILLING PROGNOSIS:

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 24" hole to set conductor pipe. Run an electronic multi shot after reaching surface-hole total depth.
3. Run 13.375" surface casing and cement as specified in the casing and cementing sections of the Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
8. Drill a 12.25" hole to the base of the Dakota with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
11. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
12. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
13. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
14. Drill 8.75" hole to Total Depth (estimated @ 6485').
15. Run open hole logs as specified in the logging section of Master Drilling Program.
16. Pending log evaluation, run sidewall cores or prepare to run 7" casing and cement in full tension as specified in the casing and cementing section of the Master Drilling Program.
17. Clean the location and release the drilling rig.

WESTPORT RESOURCES CORP.

LOCATION LAYOUT FOR

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
~~800~~' FSL ~~800~~' FEL
937' 658'



SCALE: 1" = 50'
DATE: 1-10-03
Drawn By: C.G.

F-4.0'
El. 81.2'

F-3.1'
El. 82.1'

F-3.5'
El. 81.7'

Sta. 2+70

60'

DATA

Approx. Toe of Fill Slope

135'

CATWALK

PIPE RACKS

FLARE PIT

El. 85.0'
F-0.2'

C-1.6'
El. 86.8'

El. 83.6'
C-8.4'
(btm. pit)

30'

15'

RIG

DOG HOUSE

95'

FUEL

Sta. 1+35

F-0.9'
El. 84.3'

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

RESERVE PITS (10' DEEP)

SLOPE 1:1

80'

65'

MUD TANKS

WATER

TRAILER

PUMP

135'

MUD SHED

Sta. 0+80

HOPPER

El. 87.4'
C-12.2'
(btm. pit)

C-3.8'
El. 89.0'

POWER

TOILET

70'

TRASH

TOOLS

STORAGE TANK

FUEL

Approx. Top of Cut Slope

Sta. 0+00

NOTE:
Pit Capacity with 2' of Freeboard = 1,770 Bbls.

Round Corners as Needed

60'

Topsoil Stockpile

C-5.2'
El. 90.4'

C-5.0'
El. 90.2'

C-2.8'
El. 88.0'

Proposed Access Road

NOTES:

Elev. Ungraded Ground At Loc. Stake = 6086.8'
FINISHED GRADE ELEV. AT LOC. STA = 6085.2'

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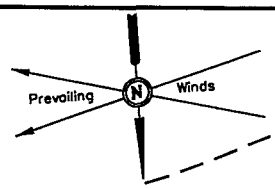
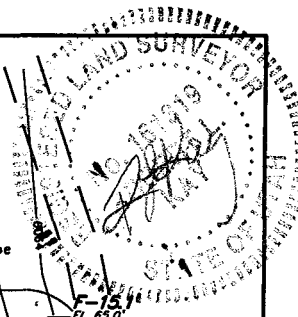
TYPICAL CROSS SECTIONS FOR

WELLINGTON FEDERAL SWD #44-6
& PLANT SITE
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

SCALE: 1" = 100'
DATE: 3-14-03
Drawn By: C.G.





F-13.6' El. 66.5'
F-9.1' El. 71.0'
F-6.7' El. 73.4'
F-7.2' El. 72.9'
F-15.1' El. 65.0'
Sta. 7+50
Approx. Toe of Fill Slope
Round Corner as Needed
Proposed Access for #32-7
F-10.3' El. 69.8'
F-14.0' El. 66.1'
F-2.8' El. 77.3'
F-9.2' El. 70.9'
Topsoil Stockpile
Existing Drainage
Existing Drainage
C-2.0' El. 82.1'
C-1.0' El. 81.1'
C-3.9' El. 84.0'
Sta. 3+25
C-2.0' El. 82.1'
F-4.9' El. 75.2'
Existing Drainage
NOTE: Flare Pit is to be located a min. of 100' from the Well Head.
Flare Pit
C-5.9' El. 86.0'
C-7.2' El. 87.1'
C-6.3' El. 86.4'
C-10.8' El. 90.9'
C-1.2' El. 81.3'
Reserve Pit Backfill & Spoils Stockpile
Total Pit Capacity W/2' of Freeboard = 4,800 Bbls. Total Pit Volume = 1,350 Cu. Yds
Sta. 1+50
C-17.7' (min. pit)
C-20.8' (min. pit)
C-12.0' El. 92.1'
C-14.8' El. 94.9'
C-11.0' El. 91.1'
Sta. 0+00
C-14.2' El. 94.3'
C-15.1' El. 95.2'
C-14.0' El. 94.1'
C-14.5' El. 94.6'
C-5.6' El. 85.7'
Topsoil Stockpile
Approx. Top of Cut Slope
Construct Diversion Ditch
Proposed Access Road

Elev. Ungraded Ground at Location Stake = 6086.4'
Elev. Graded Ground at Location Stake = 6080.1'

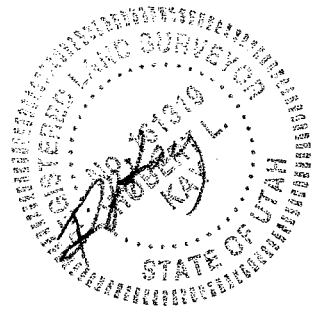
WESTPORT RESOURCES CORP.

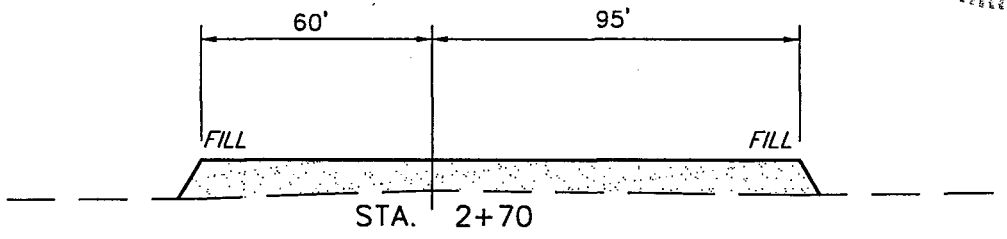
TYPICAL CROSS SECTIONS FOR

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
~~800~~' FSL 800' FEL
937' 658'

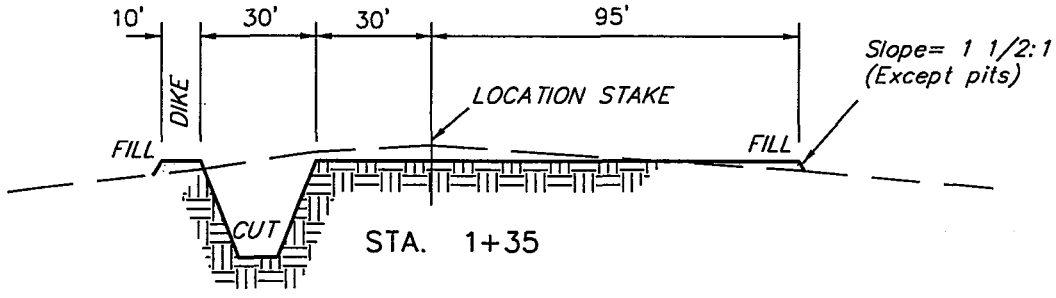
1" = 20'
X-Section Scale
1" = 50'

DATE: 1-10-03
Drawn By: C.G.

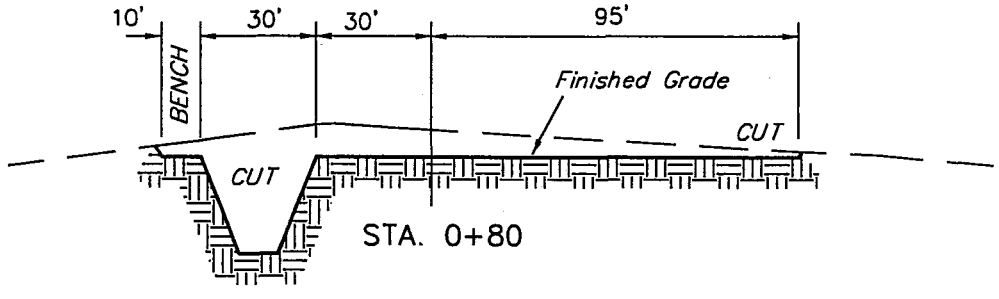




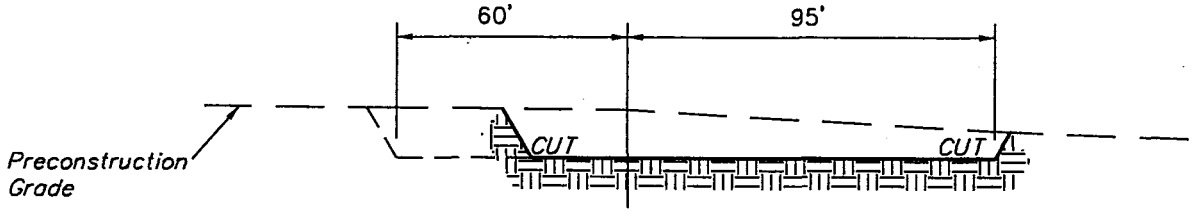
STA. 2+70



STA. 1+35



STA. 0+80



STA. 0+00

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	= *800*	Cu. Yds.
Remaining Location	= *2,240*	Cu. Yds.
TOTAL CUT	= *3,040*	CU.YDS.
FILL	= *1,870*	CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= *1,070*	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= *1,070*	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= *0*	Cu. Yds.

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WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6

LOCATED IN CARBON COUNTY, UTAH
SECTION 6, T14S, R11E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: WESTERLY**

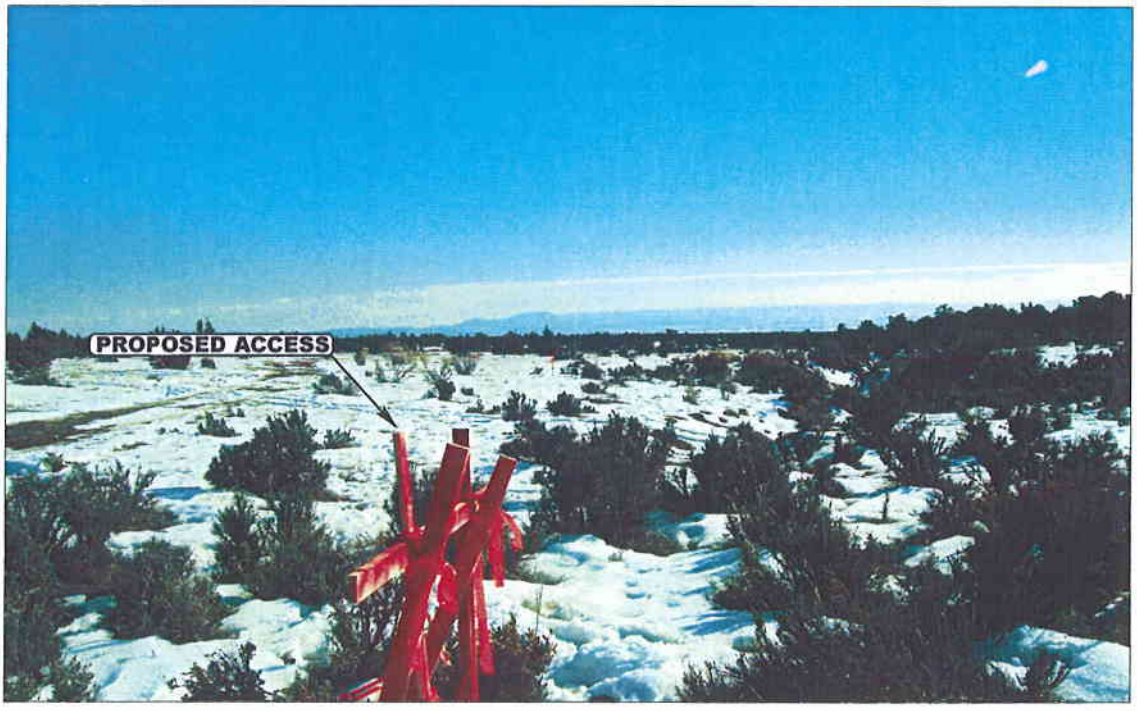


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	1 MONTH	13 DAY	03 YEAR	PHOTO
TAKEN BY: G.O.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6

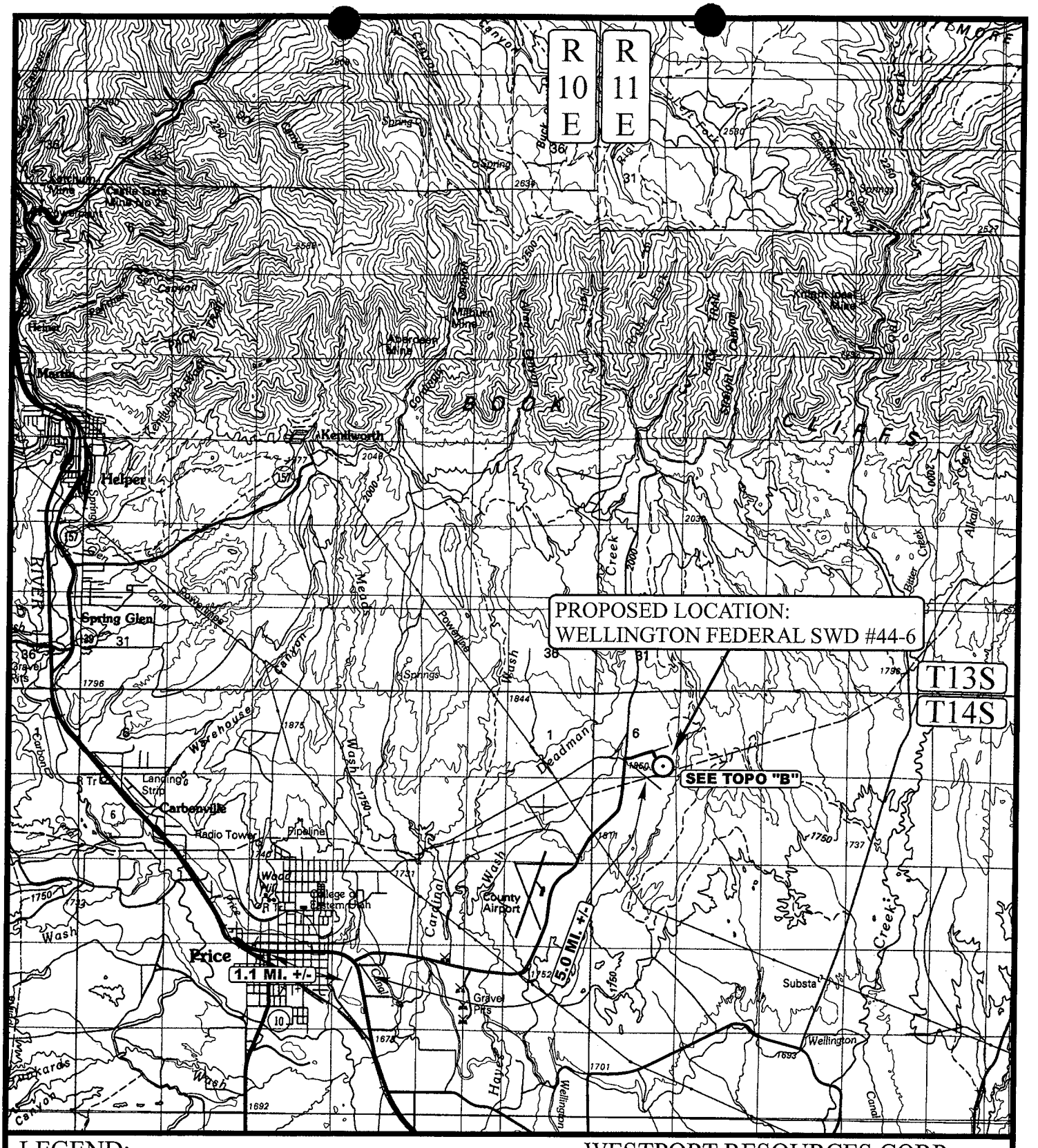
LOCATED IN CARBON COUNTY, UTAH
SECTION 6, T14S, R11E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: WESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	1 MONTH	13 DAY	03 YEAR	PHOTO
TAKEN BY: D.K.	DRAWN BY: J.L.G.	REVISED: 3-17-03		



LEGEND:

⊙ PROPOSED LOCATION

N

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

Uintah Engineering & Land Surveying
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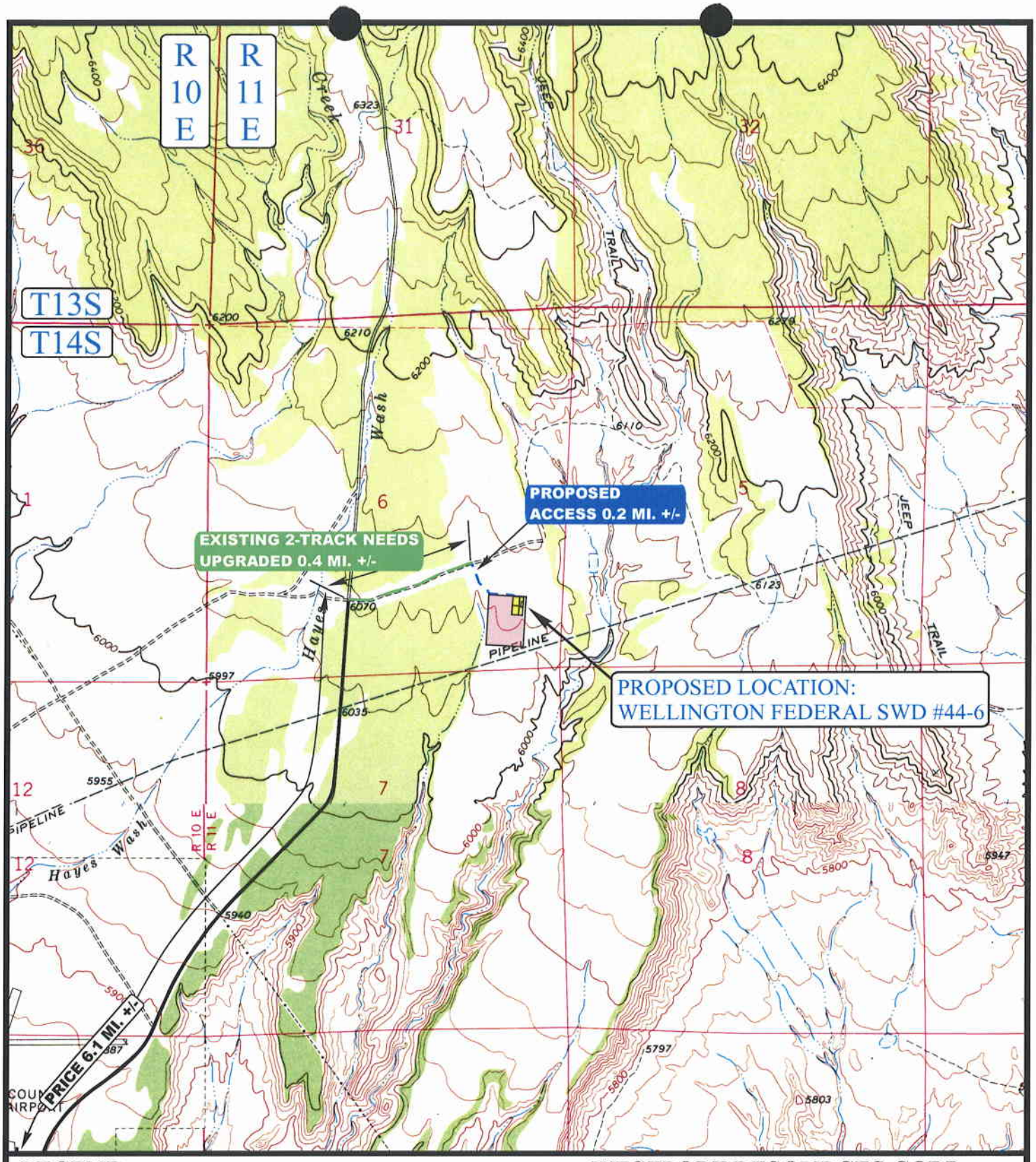
TOPOGRAPHIC MAP	1 MONTH	13 DAY	03 YEAR
SCALE: 1 : 100,000	DRAWN BY: J.L.G.	REVISED: 3-17-03	A TOPO



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

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85 South 200 East Vernal, Utah 84078
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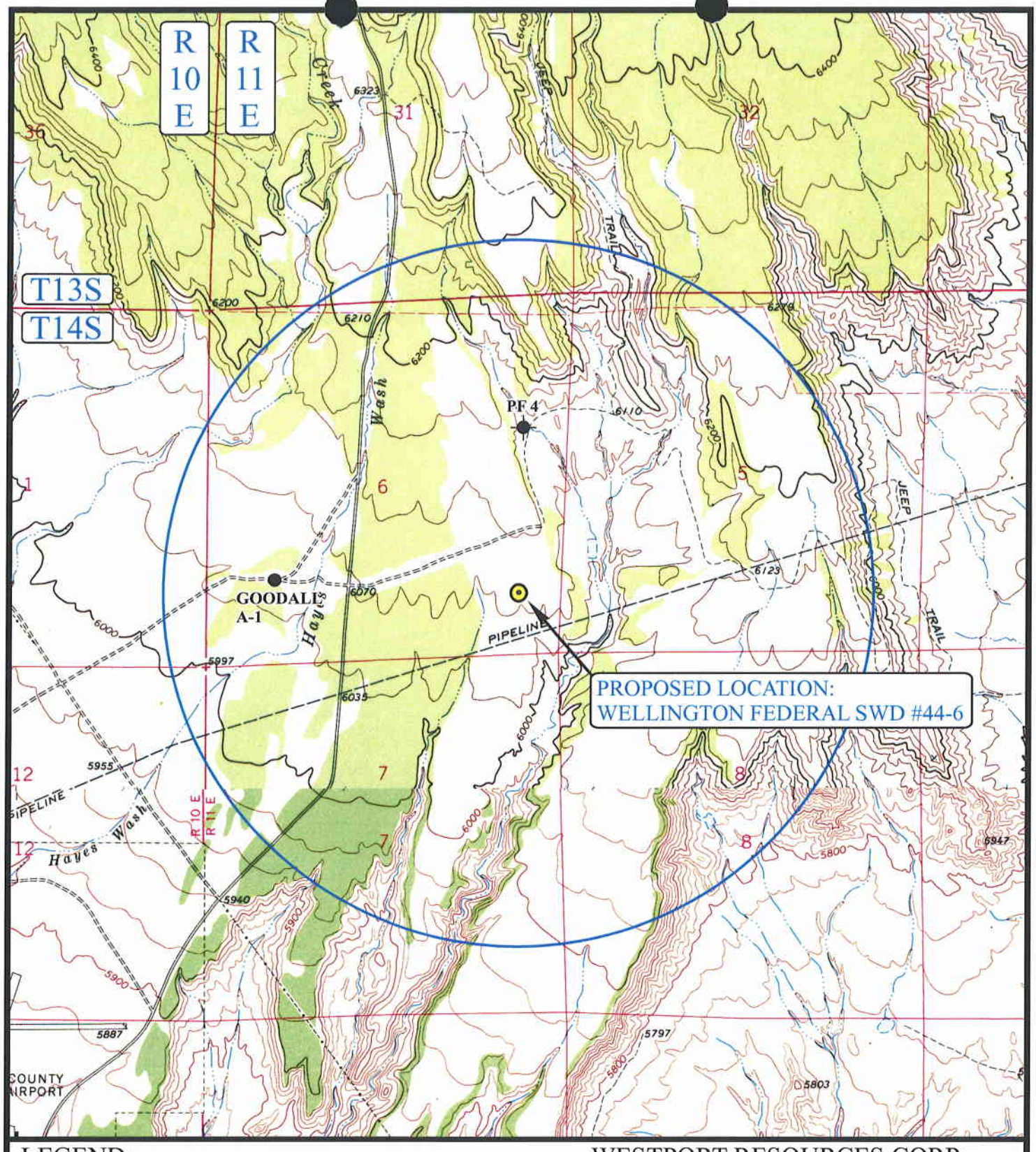
TOPOGRAPHIC MAP	1 MONTH	13 DAY	03 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 3-17-03		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

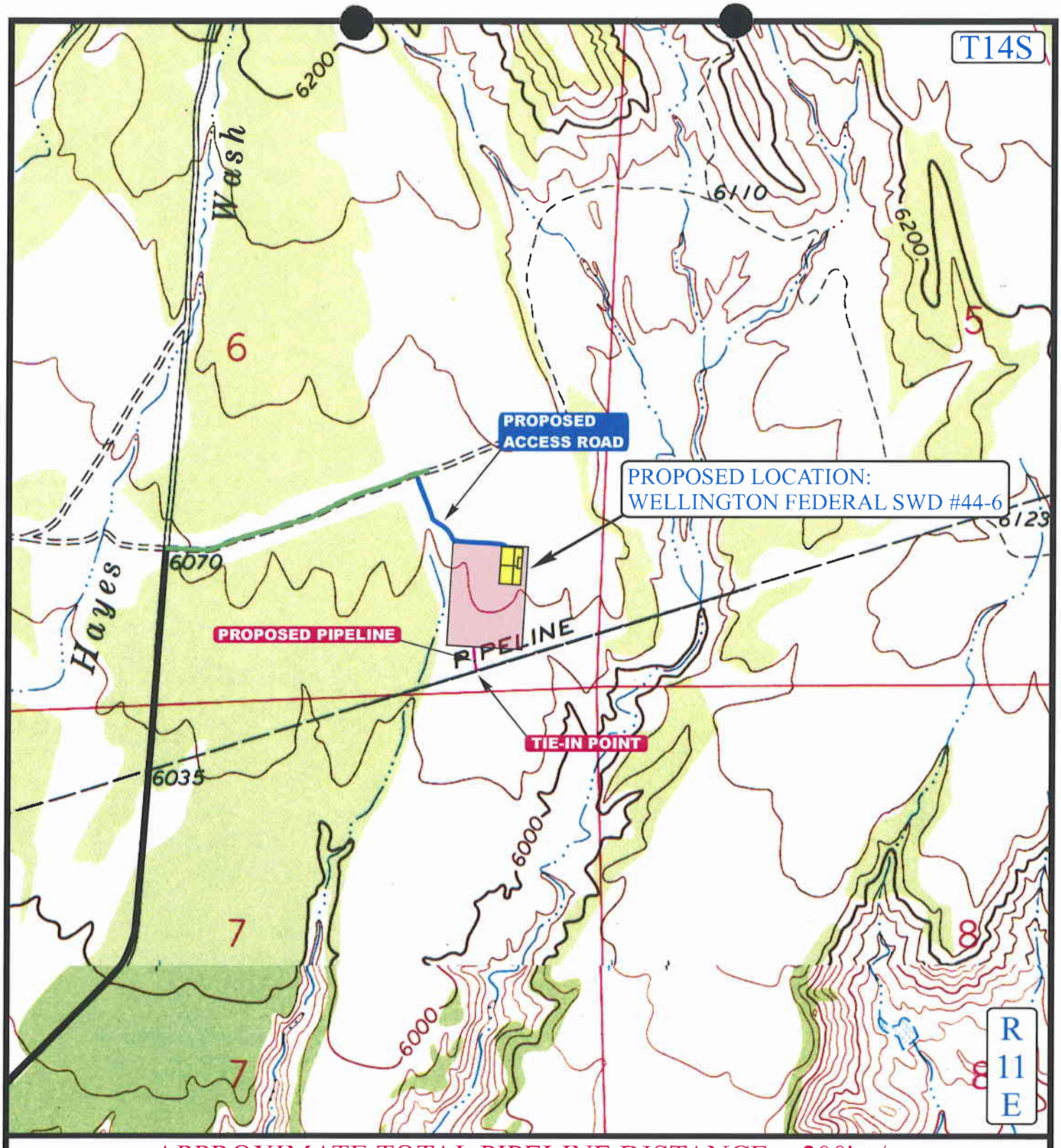
N

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	1 MONTH	13 DAY	03 YEAR
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 3-17-03	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 200' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

Uintah Engineering & Land Surveying
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TOPOGRAPHIC MAP	3 MONTH	17 DAY	03 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

BOP Equipment

3000psi WP

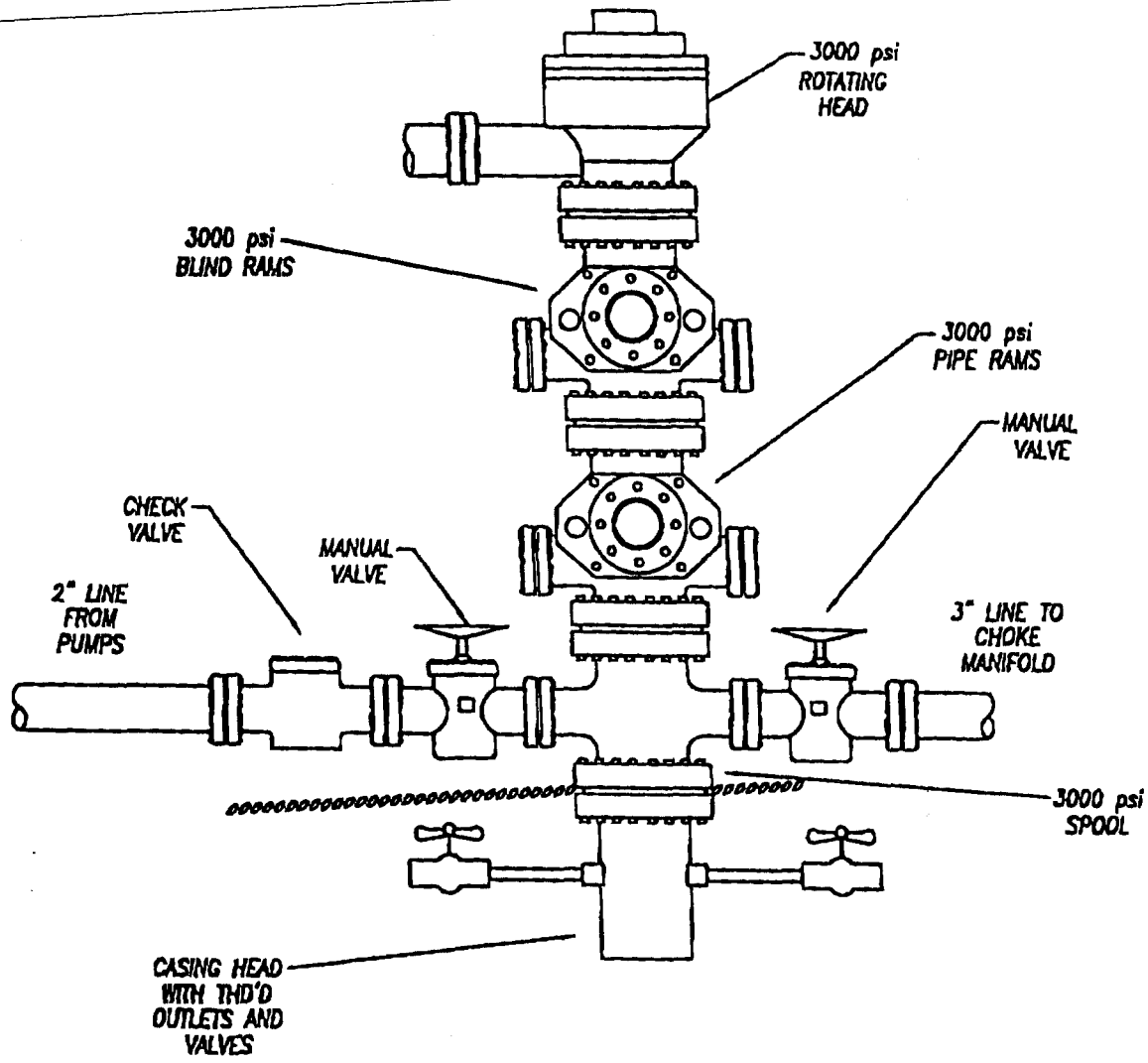

EXHIBIT "G"

CHOKE MANIFOLD

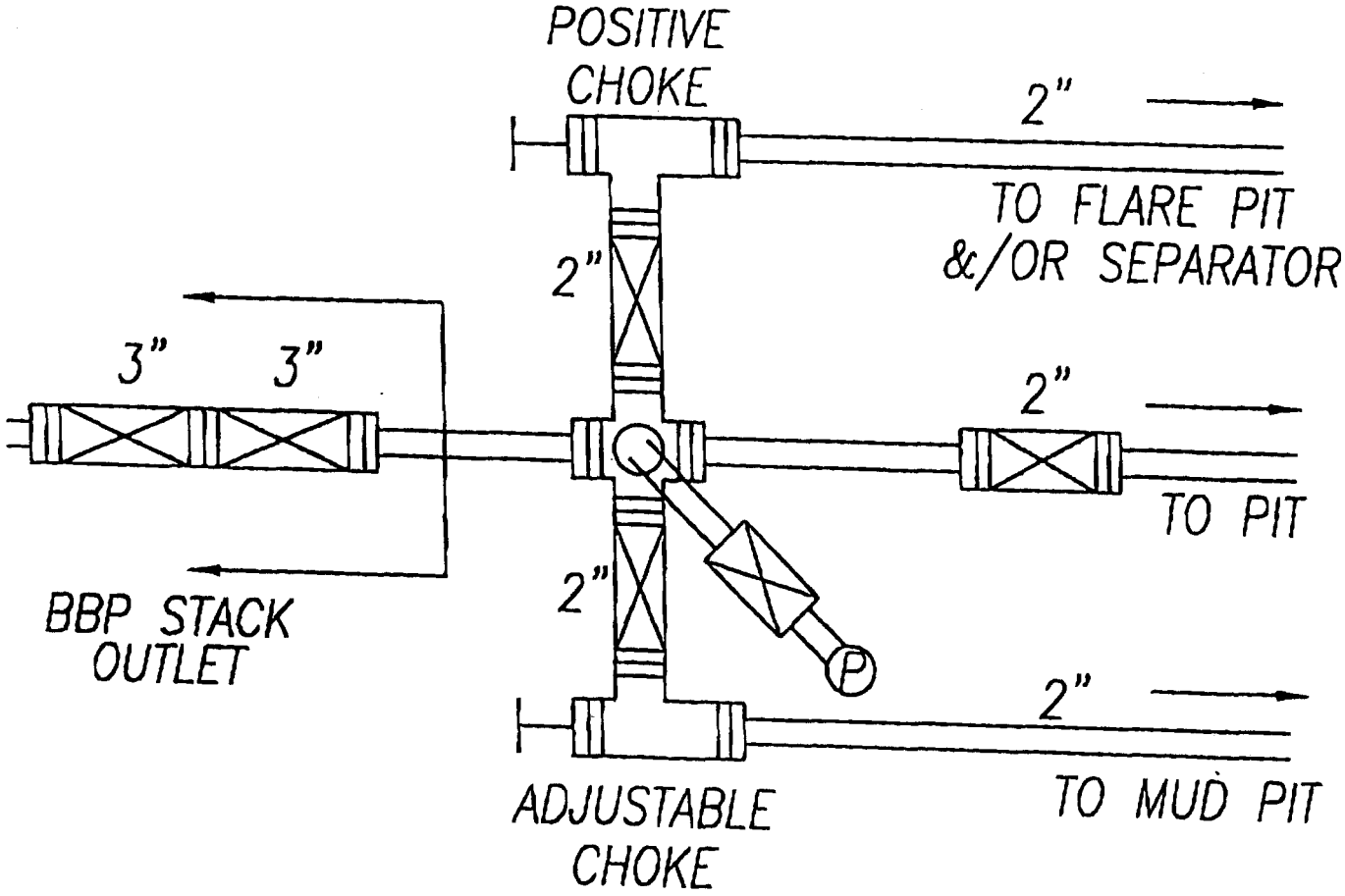

EXHIBIT "H"

Prevailing Winds

Existing Pipeline

SCALE: 1" = 60'
DATE: 3-14-03
Drawn By: C.G.

F-13.6'
El. 66.5'

SE

5

F-9.1'
El. 71.0'

550'

6

F-6.7'
El. 73.4'

7

F-7.2'
El. 72.9'

Sta. 7+50

Round Corner as Needed

Approx. Toe of Fill Slope

SW

F-15.1'
El. 65.0'

6070
6068
6066
6072
6074
6076
6078
6080
6082
6084

F-10.3'
El. 69.8'

4

F-2.8'
El. 77.3'

3

Topsoil Stockpile

Existing Drainage

Existing Drainage

C-2.0'
El. 82.1'

6

C-1.0'
El. 81.1'

7

C-3.9'
El. 84.0'

Sta. 3+25

8

C-2.0'
El. 82.1'

2

85'

DATA

F-14.0'
El. 66.1'

8

F-9.2'
El. 70.9'

9

750'

F-4.9'
El. 75.2'

10

Access for #32-7

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

1" = 40'
X-Section Scale
1" = 100'

DATE: 3-14-03
Drawn By: C.G.

135'
FILL

135'
CUT
Pre-construction Grade

135'
CUT

50' 50'
CUT

WESTPORT RESOURCES CORP.

TYPICAL CROSS SECTIONS FOR

WELLINGTON FEDERAL SWD #44-6
& PLANT SITE
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

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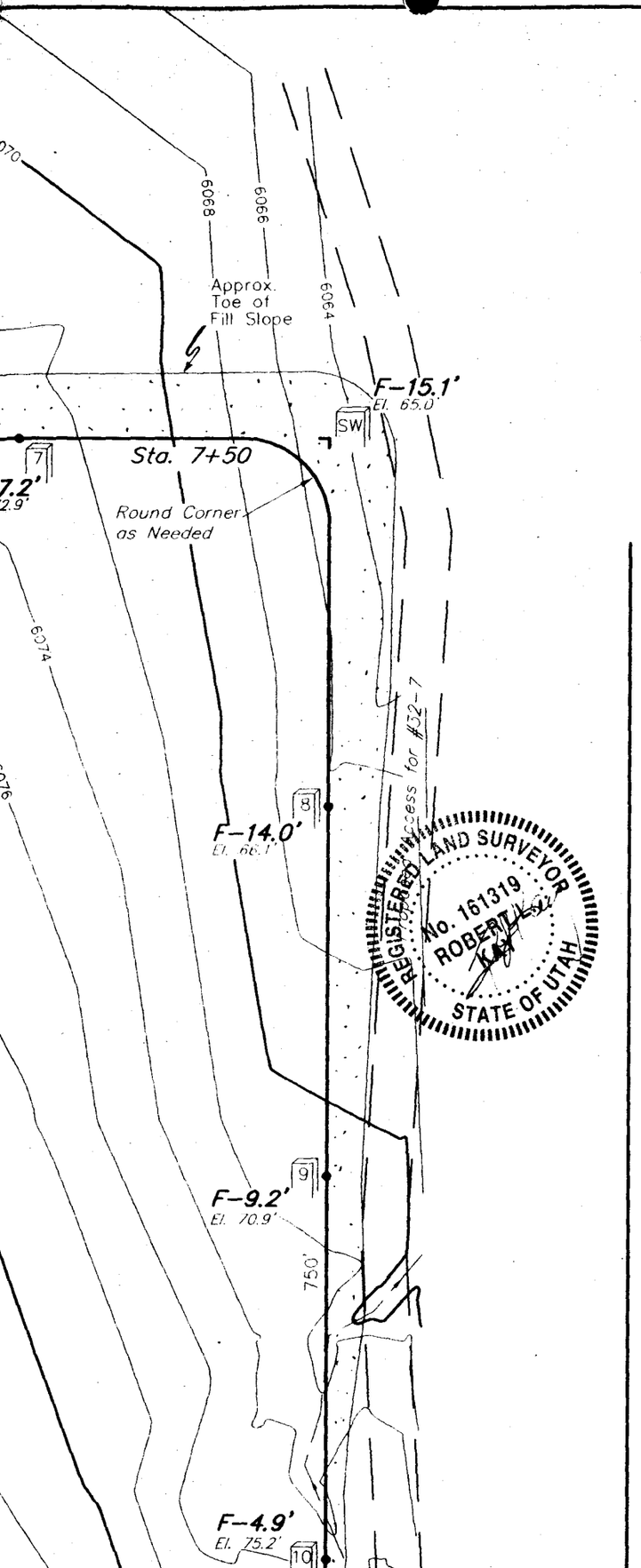
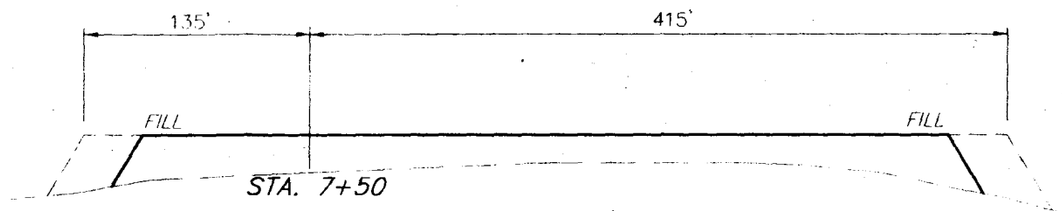
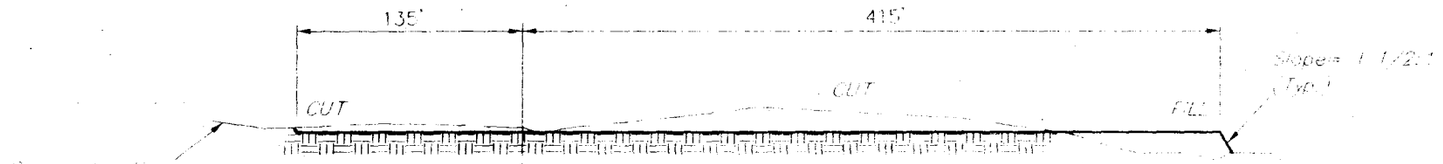


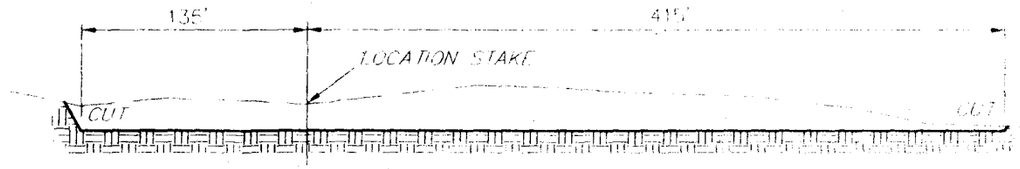
1" = 40' X-Section Scale
1" = 100'

DATE: 3-14-03
Drawn By: C.G.

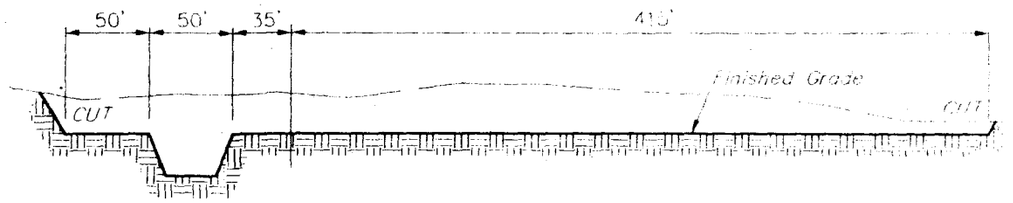




STA. 3+25



STA. 1+50



STA. 1+00

REGISTERED No. 10 ROBERT KAY STATE OF UTAH

F-2.8' El. 77.3'

F-9.2' El. 70.9'

F-4.9' El. 75.2'

C-2.0' El. 82.1'

C-2.0' El. 82.1'

C-1.0' El. 81.1'

C-3.9' El. 84.0'

C-5.9' El. 86.0'

C-7.2' El. 87.3'

C-6.3' El. 86.4'

C-10.8' El. 90.9'

C-1.2' El. 81.3'

C-17.7' (btm. pit) El. 87.8'

C-20.8' (btm. pit) El. 90.9'

C-12.0' El. 92.1'

C-14.8' El. 94.9'

C-11.0' El. 91.1'

C-14.2' El. 94.3'

C-15.1' El. 95.2'

C-14.0' El. 94.1'

C-14.5' El. 94.6'

C-5.6' El. 85.7'

Sta. 3+25

Sta. 1+50

Sta. 0+00

Topsoil Stockpile

Existing Drainage

Existing Drainage

Existing Drainage

Reserve Pit Backfill & Spoils Stockpile

Topsoil Stockpile

Approx. Top of Cut Slope

Proposed Access Road

Construct Diversion Ditch

NOTE: Flare Pit is to be located a min. of 100' from the Well Head.

Flare Pit

DATA

85'

50'

175'

CATWALK

PIPE RACKS

DOG HOUSE

100'

35'

FUEL

50'

100'

RESERVE PITS (10' Deep)

SLOPE 1:1

MUD TANKS

WATER

TRAILER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TOILET

150'

TRASH

50'

STORAGE TANK

750'

Total Pit Capacity W/2' of Freeboard = 4,800 Bbls ±
Total Pit Volume = 1,350 Cu. Yds

6073 6080 6082 6084 6086 6088 6090 6092 6094 6096

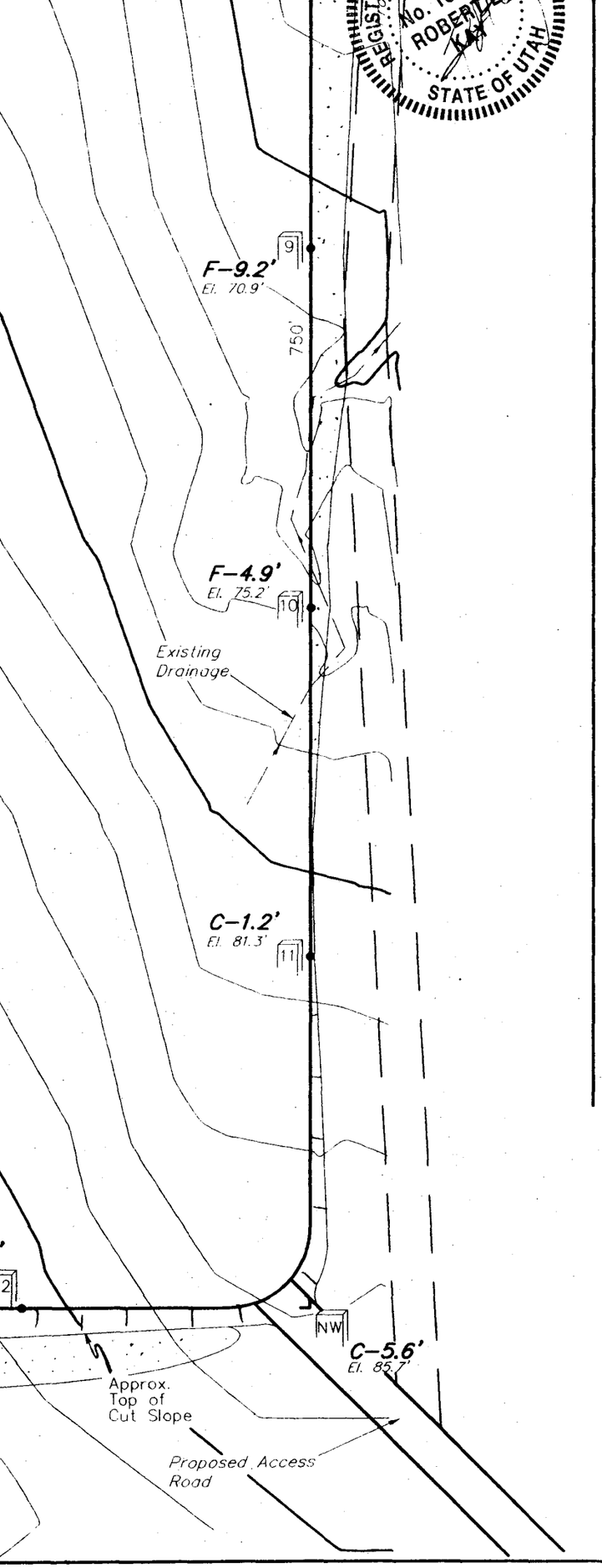
135' CUT

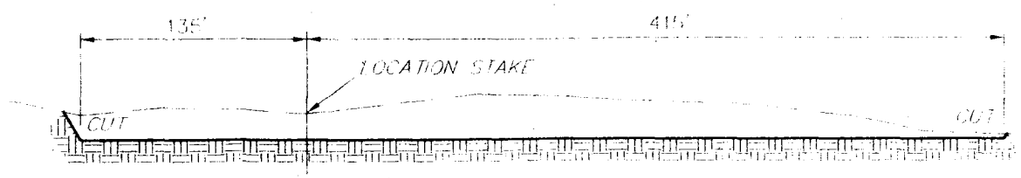
50' 50' CUT

135' CUT

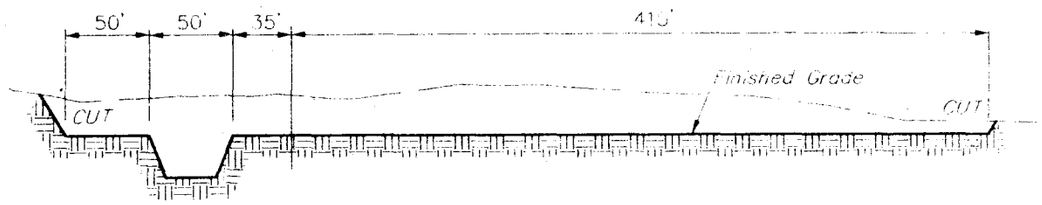
Elev. Ungraded Ground at Location Stake = 6086.4'

Elev. Graded Ground at Location Stake = 6080.1'





STA. 1+50



STA. 1+00

STA. 0+00

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 7,640	Cu. Yds.
Remaining Location	= 50,470	Cu. Yds.
TOTAL CUT	= 58,110	CU.YDS.
FILL	= 47,300	CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 8,320	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 8,320	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

003

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/19/2003

API NO. ASSIGNED: 43-007-30912

WELL NAME: WELLINGTON FED 44-6 SWD

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: DEBBY BLACK

PHONE NUMBER: 303-575-0113

PROPOSED LOCATION:

SESE 06 140S 110E

SURFACE: 0937 FSL 0658 FEL

BOTTOM: 0937 FSL 0658 FEL

CARBON

HELPER (18)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-80561

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: NAVA

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.63323

LONGITUDE: 110.72312

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 158624364)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. MUNICIPAL)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit _____

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

___ Drilling Unit

Board Cause No:

Eff Date:

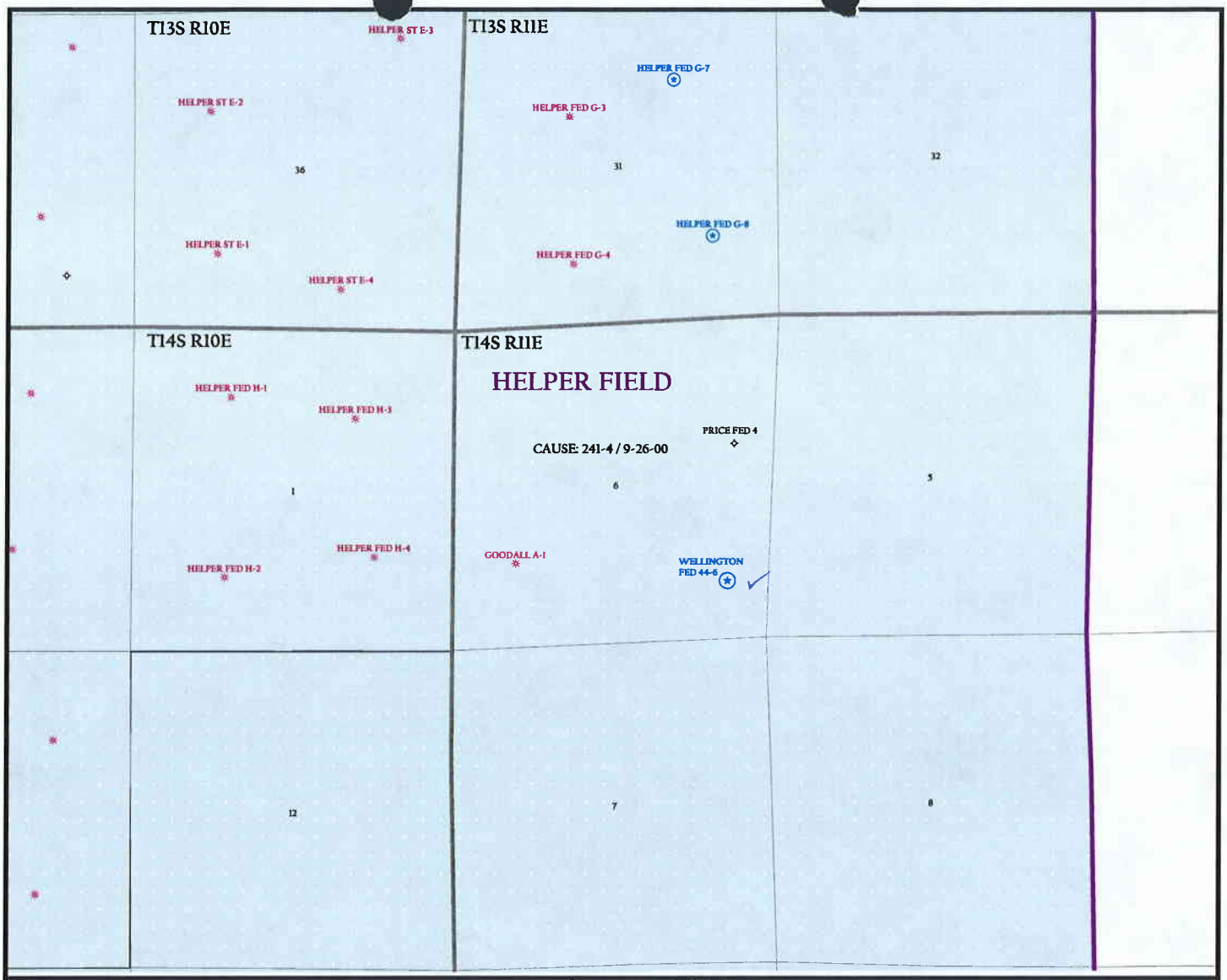
Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval

* Amended 10/27/03



OPERATOR: WESTPORT O&G CO (N2115)

SEC. 6 T14S, R11E

FIELD: HELPER (18)

COUNTY: CARBON

CAUSE: 241-4 / 9-26-00

Utah Oil Gas and Mining

WELLS
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

UNIT STATUS
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

FIELD STATUS
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES

N
W E
S

PREPARED BY: DIANA MASON
DATE: 20-MARCH-2003

004

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

April 1, 2003

Westport Oil & Gas Company, LP
1670 Broadway, Suite 2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 SWD Well, 937' FSL, 658' FEL, SE SE, Sec. 6, T. 14 South, R. 11 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30912.

Sincerely,

John R. Baza
Associate Director

mj
Enclosures
cc: Carbon County Assessor
Bureau of Land Management, District Office

Utah!
Where ideas connect

Operator: Westport Oil & Gas Company, LP

Well Name & Number Wellington Federal 44-6 SWD

API Number: 43-007-30912

Lease: UTU-80561

Location: SE SE **Sec.** 6 **T.** 14 South **R.** 11 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

State of Utah
DEPARTMENT OF NATURAL RESOURCES
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Utah!
Where ideas connect

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001

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.: UTU-80561	6. SURFACE: FEDERAL
1A. TYPE OF WORK: DRILL [X] REENTER [ ] DEEPEN [ ]	7. IF INDIAN, ALLOTTEE OR TRIBE NAME:
B. TYPE OF WELL: OIL [ ] GAS [ ] OTHER SWD SINGLE ZONE [X] MULTIPLE ZONE [ ]	8. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: WESTPORT OIL AND GAS COMPANY, L. P.	9. WELL NAME and NUMBER: Wellington Federal 44-6 SWD
3. ADDRESS OF OPERATOR: 1670 Broadway - Suite 2800 CITY Denver, STATE CO ZIP 80202-4800 PHONE NUMBER (303) 573-5404	10. FIELD AND POOL, OR WILDCAT: Helper Field - Navajo
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 937' FSL, 658' FEL 4386775Y 39.653223 533761X -110.72312 AT PROPOSED PRODUCING ZONE: Same	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE, Sec. 6, T 14 S, R 11 E, S.L.B.&M.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: approximately 6.7 miles ESE from Price, UT	12. COUNTY: Carbon 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
658'	490 acres	160 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
~2500'	6485	BLM 1386243 64 ~~Statewide Blanket RLB0005236~~
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6087' Ungraded Ground Level	Upon APD Approval	5 days drilling plus 9 days completion

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
24"	20" Conductor	0 - 40'	28 sxs Premium AG
17.5"	13 3/8" 13.375" 48# J-55 ST&C	0 - 400'	20 bbl spacer w/ gel water. 530 sxs Premium AG. Slurry yeild 1.16 cu. ft. / sack, 15.80# / gal w/ 2% CaCl, 0.125# per sack Poly E Flakes
12.25"	9 5/8" 9.625" 40# K-55 ST&C	0 - 2900'	20 bbl spacer. 180 sxs Premium AG w/ 1% CaCl and 0.125# per sack Poly E Flakes. Slurry yeild of 1.83 cu. ft. per sack
8.75"	7" 26# K-55 ST&C	0 - TD	300 sxs 50/50 Poz mix w/ 5% Bentonite Lite, 8% Cal Seal 60. Slurry yeild 1.34 cu. ft. per sack

RECEIVED
MAR 19 2003
DIV. OF OIL, GAS & MINING

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- [X] WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- [ ] EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- [X] COMPLETE DRILLING PLAN
- [ ] FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Daniel S. Carroll TITLE Senior Engineer

SIGNATURE _____ DATE March 13, 2003

(This space for State use only)

API NUMBER ASSIGNED: 43-007-30912

APPROVAL:

Federal Approval of this Action is Necessary

Approved by the Utah Division of Oil, Gas and Mining

Date: 04-01-03

By: _____

(11/2001)

005

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: **UTU-80561**

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, signficantly deepen existing well below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal Well

8. WELL NAME and NUMBER: **Wellington Federal 44-6 SWD**

2. NAME OF OPERATOR: **WESTPORT OI L AND GAS COMPANY, L. P.**

9. API NUMBER: 43-007-30912

3. ADDRESS OF OPERATOR: **1670 Broadway - Suite 2800 Denver, CO 80202-4800**

PHONE NUMBER: **(303) 573-5404**

10. FIELD AND POOL, OR WILDCAT: **Helper Field - Navajo**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **937' FSL, 658' FEL**

COUNTY: **Carbon**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDAN: **SESE, Sec. 6, T 14 S, R 11 E, S.L.B.&M.**

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☒ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☒ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: Change size of surface casing, see below
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details inlcuding dates, depth, volumes, etc.

Westport Oil and Gas Company, L. P. respectfully requests the following changes be approved for the subject well:

From 8.625", H-40, 28ppf be changed to **9.625", J-55, 40ppf** surface casing
Size of the hole from 8.75" to **7.875"**
BOP from 5000 psi to a **3000 psi**.

COPY SENT TO OPERATOR
Date: 5-16-03
Initials: CHD

WOGCLP Bond No.

NAME (PLEASE PRINT) Daniel S. Carroll TITLE Senior Engineer

SIGNATURE DATE April 30, 2003

(This space for State use only)

Accepted by the Utah Division of Oil, Gas and Mining
Date: 5/14/03
By:

Federal Approval Of This Action Is Necessary

RECEIVED
MAY 13 2003
DIV. OF OIL, GAS & MINING

5/2000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

COPY

UIC FORM 1

APPLICATION FOR INJECTION WELL

Name of Operator: Westport Oil and Gas Company, L. P.	Utah Account Number: N	Well Name and Number: Wellington Federal 44-6 SWD
Address of Operator: 1670 Broadway-2800 CITY Denver STATE CO ZIP 80202-4800	Phone Number: (303) 573-5404	API Number: 4300730912
Location of Well: Footage : 937' FSL, 658' FEL County : Carbon; QQ, Section, Township, Range: SESE 6 14 11 State : UTAH		Field or Unit Name: Helper; Lease Designation and Number:

Is this application for expansion of an existing project?		Yes ☐	No ☑
Will the proposed well be used for:	Enhanced Recovery?	Yes ☐	No ☐
	Disposal?	Yes ☑	No ☐
	Storage?	Yes ☐	No ☐
Is this application for a new well to be drilled?		Yes ☑	No ☐
If this application is for an existing well, has a casing test been performed?		Yes ☐	No ☐

Date of test: _____

Proposed injection interval: from 5,850 to 6,375

Proposed maximum injection: rate 6,500 bpd pressure 2,150 psig

RECEIVED
MAY 16 2003
DIV. OF OIL, GAS & MINING

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: Drilling Prognosis and wellbore diagram

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Daniel S. Carroll Title Senior Engineer

Signature _____ Date 3/5/2003

(5/2002)

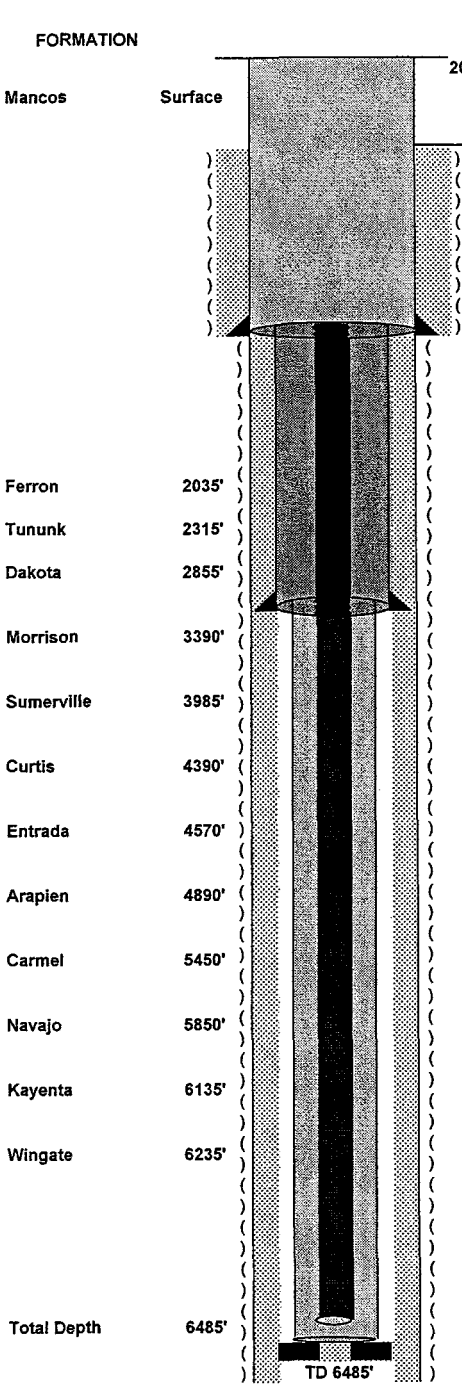
WEST[illegible] OIL AND GAS COMPA[illegible]
FERRON COAL PROJECT
WELLINGTON FEDERAL 44-6 SWD
SESE 937' FSL, 658' FEL
Section 6: Township 14 South – Range 11 E, S.L.B.&M.
Carbon County, Utah

DRILLING PROGNOSIS:

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 24" hole to set conductor pipe. Run an electronic multi shot after reaching surface-hole total depth.
3. Run 13.375" surface casing and cement as specified in the casing and cementing sections of the Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
8. Drill a 12.25" hole to the base of the Dakota with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
11. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
12. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
13. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
14. Drill 8.75" hole to Total Depth (estimated @ 6485').
15. Run open hole logs as specified in the logging section of Master Drilling Program.
16. Pending log evaluation, run sidewall cores or prepare to run 7" casing and cement in full tension as specified in the casing and cementing section of the Master Drilling Program.
17. Clean the location and release the drilling rig.

WELLBORE DIAGRAM

Operator: WESTPORT OIL AND GAS COMPANY, L. P.
Well Name: WELLINGTON FEDERAL 44-6 SWD
Lease Serial No.: UTU-80561
Location: Sec. 6: T 14 S - R 11 E SESE
Field: Helper
County: Carbon
API Number: Not assigned yet
937' FSL, 658' FSL



20" Conductor Pipe
Cement with 28 sxs Premium AG

400' Surface Casing:
13.375", 48#, J-55 ST&C

Cement with Halliburton with the following:
20 bbl spacer with gel water.
530 sxs Premium AG.
Slurry yield of 1.16 cu ft / sack, 15.80# / gal with 2% CaCl,
0.125# per sack Poly E Flakes.

2900' Intermediate Casing
9.625" 40# K-55 STC

Cement with Halliburton with the following:
20 bbl spacer
180 sxs Premium AG w/ 1% CaCl and 0.125# per sack Poly E Flakes
Slurry yield of 1.83 cu ft / sack

6485' Production Casing
7" 26# K-55 STC

Cement with Halliburton with the following:
300 sxs 50/50 Poz mix with 5% Bentonite Lite, 8% Cal Seal 60,
0.125#/ sack Poly E Flakes.
Slurry Yield 1.34 cu ft/sack.

UIC INJECTION PERMIT ANALYSIS FOR
WELL NAME: Wellington Federal 44-6

RG49-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	**Completed Items, Needed Items, & Comments**
1. Injection wells shall be completed. Equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.	1. OK
2. The application for an injection well shall include a properly completed UIC Form 1 and the following:	2. OK
2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.	2.1. The submitted application documentation does not include a properly drafted specified plat. This constitutes a fatal flaw and results in no further processing of this application by the Division. When the Division receives a copy of the plat application processing will resume.
2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.	2.2. We will need copies of the logs when they are available.
2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.	2.3. We will need copies of the CBLs when they are available. Highly recommend that quality control curves be run on the logs.
2.4. Copies of logs already on file with the division should be referenced, but need not be refiled.	2.4. N.A.
2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.	2.5. A statement of the proposed method for pressure testing the casing prior to use will be needed.
2.6. A statement as to the type of fluid to be used for injection. its source and estimated amounts to be injected daily.	2.6. A statement regarding the type of injectate, its source and an estimate of the amount to be injected daily will be needed.
2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.	2.7. Specified analyses of the injectate and connate waters and their compatibilities will be needed.
2.8. The proposed average and maximum injection pressures.	2.8. Need estimate of average injection pressure.
2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.	2.9. Need the specified evidence and data (usually a Step Rate Test).
2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.	2.10. Need satisfactory geologic documentation. Recommend inclusion of correlated cross sections (strike and dip) demonstrating continuity of confining interval across an area of several miles around the proposed injection well, and a structure contour map on a relevant horizon (T/JTr_n) for the same or greater area.
2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.	2.11. An analysis of the condition of the wellbore of the Pease Price Federal #4 (4300730030) will be needed.
2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.	2.12. A properly drafted specified affidavit will be needed. This constitutes a fatal flaw and results in no further processing of this application by the Division. When the Division receives a copy of the plat application processing will resume.
2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.	2.13. OK

OTHER COMMENTS AND OBSERVATIONS: Items 2.1 and 2.12 must be satisfied before any additional application processing will occur. Please feel free to call me at (801) 538-5337 or email me at chriskierst@utah.gov if you would like to discuss your application.

Reviewed by: Christopher J. Kierst Date: 5/22/03

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **WESTPORT OIL & GAS COMPANY LP**

Well Name: **WELLINGTON FED 44-6**

Api No: **43-007-30912** Lease Type: **FEDERAL**

Section **06** Township **14S** Range **11E** County **CARBON**

Drilling Contractor **PENSE BROTHERS** RIG # **9**

SPUDDED:

Date **10/09/03**

Time **11:30 AM**

How **DRY**

Drilling will commence:

Reported by **BOZE STINSON**

Telephone # **1-435-820-0785**

Date **10/09/2003** Signed **CHD**

Form 3160-3
(August 1999)

FORM APPROVED
OMB NO. 1004-0136
Expires: November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: **UTU-80561**

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA Agreement, Name and No.:

1a. Type of Work: [X] DRILL [ ] REENTER

1b. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other [X] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: **Wellington Federal 44-6 SWD**

2. Name of Operator: **Westport Oil and Gas Company, L. P.**

9. API Well No.: 43-007-30912

3a. Address: **1670 Broadway - Suite 2800 - Denver, CO 80202-4800**

3b. Phone No. *(include area code)*: **303-573-5404**

10. Field and Pool, or Exploratory: **Helper Field - Navajo**

4. Location of well *(Report location clearly and In accordance with any State requirements.*)*
At surface: **SESE 937' FSL, 658' FEL**
At proposed prod. zone: **Same**

11. Sec., T., R., M., or Blk. And Survey or Area: **Section 6: T 14 S - R 11 E, S.L.B.&M.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: **approximately 6.7 miles ESE from Price, UT**

12. County or Parish: **Carbon**

13. State: **UT**

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg unit line, if any)	16. No. of Acres in lease	17. Spacing Unit dedicated to this well
658'	**490 acres**	**160 acres**

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/ BIA Bond No. on file
~2500'	**6485'**	**BLM Nationwide Bond No. 158624364**

21. Elevations (Show whether DF. RT, GR, etc.)	22. Aproximate date work will start*	23. Estimated Duration
6086'	**Upon APD Approval**	**5 days drilling plus 9 days completion**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by existing bond on file(see item 20 above).
5. Operator certification.
6. Such other site specific information and/ or plans as may be required by the an authorized officer.

25. Signature	Name *(Printed/ Typed)*	Date
	Daniel S. Carroll	**July 9, 2003**

Title: **Senior Engineer**

RECEIVED
OCT 09 2003
DIV. OF OIL, GAS & MINING

Approved By *(Signature)*	Name *(Printed/ Typed)*	Date
/s/ Eric C. Jones		OCT 6 2003

Title: Acting Assistant Field Manager, Division of Resources

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

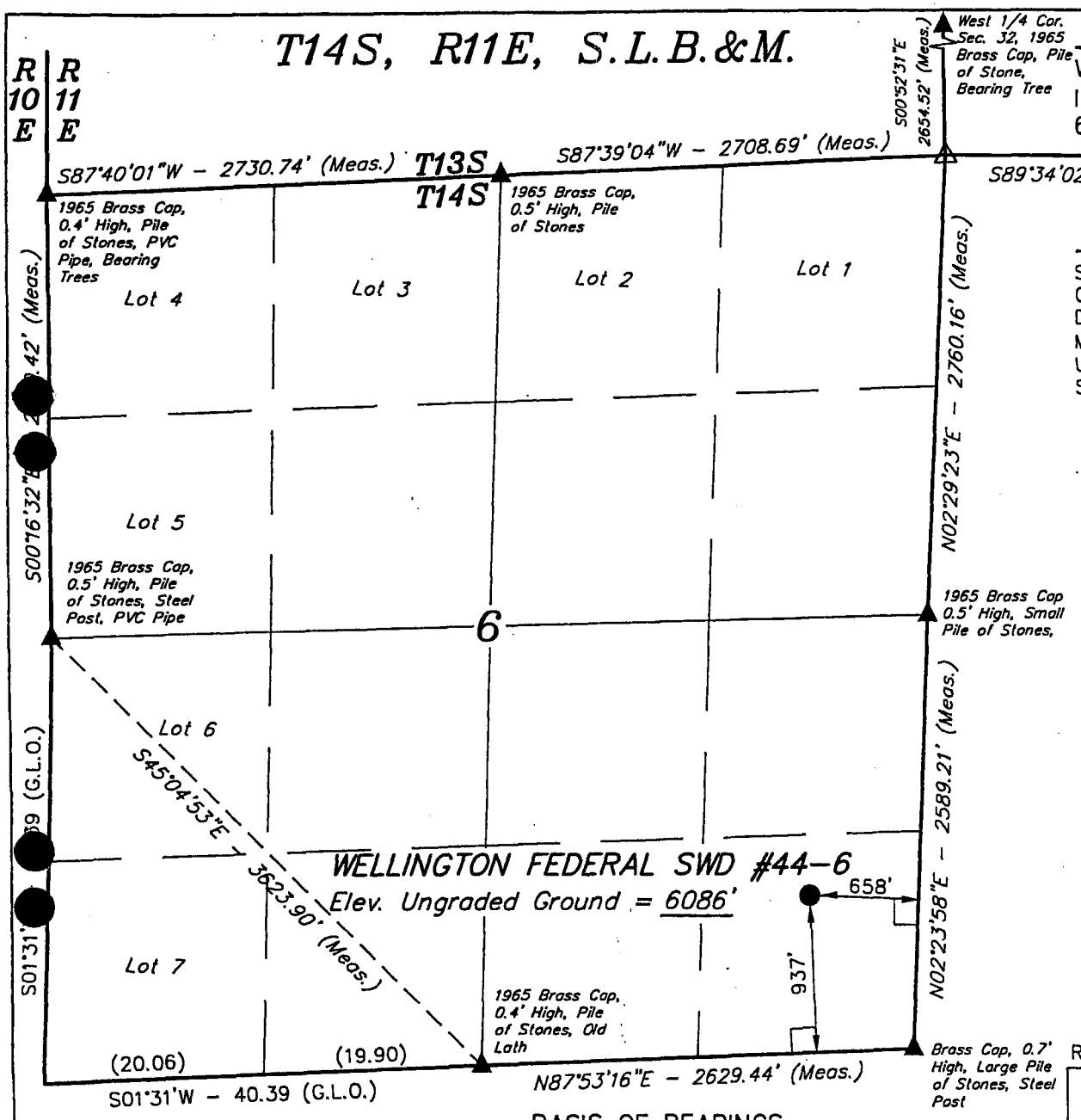
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

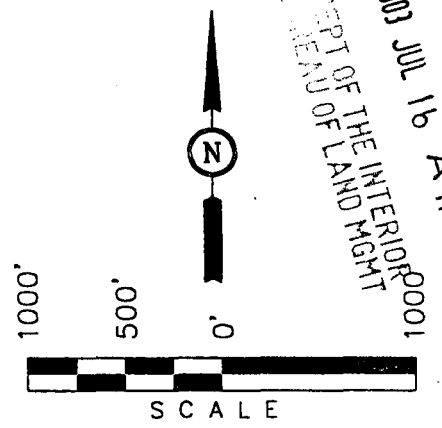
WESTPORT RESOURCES CORP.

Well location, WELLINGTON FEDERAL SWD #44-6, located shown in the SE 1/4 SE 1/4 of Section 6, T14S, R11E, S.L.B.&M. Carbon County, Utah.



BASIS OF ELEVATION

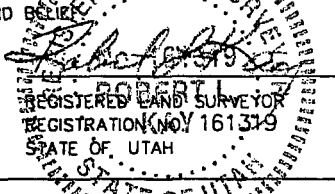
SPOT ELEVATION LOCATED ON A JEEP TRAIL IN THE NW 1/4 OF SECTION 32, T13S, R11E, S.L.B.&M. TAKEN FROM THE DEADMAN CANYON QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6460 FEET.



RECEIVED
MOAB FIELD OFFICE
2003 JUL 16 A 11: 10
DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MEOR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 3-11-03

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39°37'59.38" (39.633161)

LONGITUDE = 110°43'25.03" (110.723619)

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED USING DOUBLE PROPORTION METHOD (NOT SET ON GROUND)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	1-9-03	1-10-03
PARTY: G.O. S.B. C.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: WESTPORT RESOURCES CORP.	

Westport Oil and Gas Company, L.P.
Wellington Federal 44-6 SWD
Lease U-80561
SE/SE Section 6, T14S, R11E
Carbon County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Westport Oil and Gas Company, L.P. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by CO1203 (Principal – Westport Oil and Gas Company, L.P.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The proposed 3M BOPE is adequate for anticipated conditions. Although an annular preventer is specified in the narrative, it is not depicted on the BOP schematic. To conform with 3M BOP standards, an annular preventer is required. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.

2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.

3. The well is proposed to be drilled with air. When drilling with air, the requirements of Onshore Oil and Gas Order No. 2, part III, E, Special Drilling Operations, shall apply. Among the requirements in this section are:

    -Spark arresters
    -Blooie line discharge 100 feet from wellbore
    -Straight blooie line
    -Deduster equipment
    -Float valve above bit
    -Automatic igniter on the blooie line

4. A cement bond log (CBL), or other appropriate tool for determining top-of-cement, shall be run on any casing string that does not circulate cement to surface. The log or report shall be submitted to BLM.

5. Upon completion, this well will be operated as a water disposal well in accordance with the provisions of right-of-way grant U-79503, and the Underground Injection Control (UIC) program administered by the State of Utah, Division of Oil, Gas and Mining.

B. SURFACE USE

1. The following seed tables in the Standard Operating Practices shall be followed as conditions of approval:

   Table A-1, Seed Mixture for Green Strip Areas
   Table A-2, Seed Mixture for Final Reclamation, Pinyon-Juniper Areas

2. The following wildlife stipulations in the Standard Operating Practices shall be followed as conditions of approval:

   EMP 16 & 17, Winter Seasonal Restriction on Crucial & High Priority Winter Range
   EMP 19, Critical Winter Range Browse Hand Planting

3. Whether the mud pit shall be lined will be determined at the time of construction.

4. Within six months of installation, surface structures shall be painted in the following flat, earth tone color: Olive Black (5WA20-6). This Fuller O'Brien color is for reference only. Any brand of paint may be used provided the colors match. Any facilities that must be painted to comply with OSHA standards are exempt.

5. The proposed action is within critical winter range and the surface disturbance associated with the project exceeds that which was analyzed and mitigated for the EIS. Since this surface disturbance has not been mitigated for in the EIS, the action is subject to the acre for acre mitigation for surface disturbance on critical winter range as provided for in the Price River Resource Management Framework Plan. The proponent shall complete a wildlife enhancement project designed to mitigate impacts on big game critical winter range at the rate of one acre of enhancement for each acre of disturbance. Acceptable projects may include vegetative manipulation designed to increase winter forage or other winter range habitat enhancements to improve big game distribution patterns. Projects shall be completed during the same calender year as the surface disturbing activity taking place. All aspects of project design and implementation, NEPA compliance, project design and implementation shall be the responsibility of the proponent.

6. Operator shall coordinate with the PUC (Carbon County Airport) Airport manager prior to the drilling of the well.

7. BLM may require the company to install gates at some future time. This determination shall be made by BLM if negative resource impacts, due to easier public access into the project area, are occurring. A key to the lock(s) shall be

provided to BLM.

GENERAL CONSTRUCTION

1. Operator shall contact the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.

2. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are underway.

3. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the operator, or any person working on his behalf, on public land is to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.

4. During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.

5. The operator must provide a trash cage for the collection and containment of all trash. The trash shall be disposed in an authorized landfill. The location and access roads shall be kept litter free.

6. Vegetation removal necessitated by construction shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of the BLM.

7. Prior to surface disturbance, topsoil is to be separately removed and segregated

from other material. Topsoil depth will be decided onsite by BLM. If the topsoil is less than 6 inches, a 6-inch layer that includes the A horizon and the unconsolidated material immediately below the A horizon shall be removed and the mixture segregated and redistributed as the surface soil layer.

Generally topsoil shall be stored within the pad site or adjacent to access roads. The company in consultation with BLM shall determine stockpile locations and dimensions at the onsite. If the topsoil stockpiles will not be redistributed for a period in excess of one (1) year, the stockpiles are to be seeded with seed mixture as described on Table A-1 (attached).

ROAD and PIPELINE CONSTRUCTION

8. Operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.

9. Road construction or routine maintenance activities are to be performed during periods when the soil can adequately support construction equipment. If such equipment creates ruts more than 6 inches deep, the soil is deemed too wet to adequately support construction equipment.

10. The operator is responsible for maintenance of all roads authorized through the lease or a right-of-way. Construction and maintenance shall comply with Class II or III Road Standards as described in BLM Manual Section 9113 and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, headcut restoration/prevention.

11. Topsoil from access roads and pipelines is to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.

12. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipators as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. Rock energy dissipators and gravel dispersion fans may be used, or any other design which would accomplish the desired reconversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

13. In the event construction can't be completed prior to winter closures, measures to

prevent erosion from upcoming spring snowmelt should be taken s follows:

Loose earth and debris must be removed from drainages, and flood plains. Earth and debris should not be stockpiled on drainage banks.

Road drainages should be checked to ensure there are none with uncontrolled outlets.

Be sure all ditch drainages have an outlet to prevent ponding. If necessary, build temporary sediment ponds to capture runoff from unreclaimed areas. Re-route ditches as needed to avoid channeling water through loosened soil.

PAD CONSTRUCTION

14. During the construction of the drill pad, suitable topsoil material is to be stripped and conserved in a stockpile on the pad. If stockpiles are to remain for more than a year, they shall be seeded with the seed mixture inTable A-1, attached.

15. Generally, drill pads are to be designed to prevent overland flow of water from entering or leaving the site. The pad is to be sloped to drain spills and water into the reserve pit. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy brakes and gravel-bedded dispersion fans.

REHABILITATION PROCEDURES

Site Preparation

16. The entire roadbed should be obliterated and brought back to the approximate original contour. Drainage control is to be reestablished as necessary. All areas affected by road construction are to be recontoured to blend in with the existing topography. All berms are to be removed unless determined to be beneficial by BLM. In recontouring the disturbed areas, care should be taken to not disturb additional vegetation.

Seedbed Preparation

17. An adequate seedbed should be prepared for all sites to be seeded. Areas to be revegetated should be chiseled or disked to a depth of at least 12 inches unless restrained by bedrock.

18. Ripping of fill materials should be completed by a bulldozer equipped with single or a twin set of ripper shanks. Ripping should be done on 4-foot centers to a depth of 12 inches. The process should be repeated until the compacted area is loose and

friable, then shall be followed by final grading. Seedbed preparation will be considered complete when the soil surface is completely roughened and the number of rocks (if present) on the site is sufficient to cause the site to match the surrounding terrain.

19. After final grading, the stockpiled topsoil shall be spread evenly across the disturbed area.

Fertilization

20. Commercial fertilizer with a formula of 16-16-8 is to be applied at a rate of 200 pounds per acre to the site. The rate may be adjusted depending on soil.

21. Fertilizer is to be applied not more than 48 hours before seeding, and shall be cultivated into the upper 3 inches of soil.

22. Fertilizer is to be broadcast over the soil using hand-operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment should be equipped with a metering device. Fertilizer application is to take place before the final seeding preparation treatment. Fertilizer broadcasting operations should not be conducted when wind velocities would interfere with even distribution of the material.

Mulching

23. When it is time to reclaim this location, the Price BLM Office will determine whether it will be necessary to use mulch in the reclamation process. The type of mulch should meet the following requirements: Wood cellulose fiber shall be natural or cooked, shall disperse readily in water, and shall be nontoxic. Mulch shall be thermally produced and air dried. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored dye that is noninjurious to plant growth may be used when specified. Wood cellulose fiber is to be packaged in new, labeled containers. A minimum application of 1500 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 60 to 80 pounds per acre.

    An alternative method of mulching on small sites would be the application of straw or hay mulch at a rate of 2000 pounds per acre. Hay or straw shall be certified weed free. Following the application of straw or hay, crimping shall occur to ensure retention.

Reseeding

24. All disturbed areas are to be seeded with the seed mixture required by the BLM.

The seed mixture(s) shall be planted in the fall of the year (Sept-Nov), in the amounts specified in pounds of pure live seed (PLS)/acre. There shall be no noxious weed seed in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within 12 months prior to planting. Commercial seed will be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the BLM. Seed is to be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds tend to drop to the bottom of the drill and are planted first. Appropriate measures should be taken to ensure this does not occur.) Where drilling is not possible, seed is to be broadcast and the area raked or chained to cover the seed. Woody species with seeds that are too large for the drill will be broadcast. When broadcasting the seed, the pounds per acre noted below are to be increased by 50 percent. Reseeding may be required if a satisfactory stand is not established to the surface rights owner's specifications. Evaluation of the seeding's success will not be made before completion of the second growing season after the vegetation becomes established. The Price BLM Office is to be notified a minimum of seven days before seeding a project.

25. The disturbed areas for the road and pipeline must be seeded in the fall of the year, immediately after the topsoil is replaced. The prescribed seed mixture is attached as Table A-2.

General

26. Prior to the use of insecticides, herbicides, fungicides, rodenticides and other similar substances, the operator must obtain from BLM, approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that BLM may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

The following seed mixture would be planted along service road borrow ditches, around the edges of drill pads with a production well, and surrounding other production and maintenance facilities. The purpose for this is to provide a "green strip" buffer to minimize fire hazards and prevent invasion and establishment of noxious weeds in areas that will receive continued disturbance for the life of these areas.

Table A-1

Common Plant Name	Scientific Name	Pounds per acre (PLS)
Forage kochia	*Kochia prostrata*	2
Wyoming big sagebrush	*Artemisia tridentata wyomingenis* var. Gordon Creek	1
Douglas low rabbitbrush	*Chrysothamnus viscidiflorus*	1
	TOTAL	4

The following seed mixture is for the area that would receive final reclamation. Areas would be planted to protect them from soil erosion and to restore forage production.

Table A-2

Common Plant Name	Scientific Name	Pounds per acre (PLS)[1]
Pinyon Juniper Areas		
Grasses		
Thickspike wheatgrass	*Elymus lanceolatus*	1.5
Intermediate wheatgrass	*Elytrigia intermedia*	1.5
Squirreltail	*Elymus elymoides*	2
Crested wheatgrass	*Agropyron desertorum*	2
Forbs		
Lewis flax	*Linum perenne lewisii*	1
Palmer penstemon	*Penstemon palmerii*	1
Shrubs		
Forage kochia	*Kochia prostrata*	2
Fourwing saltbrush	*Atriplex canescense*	2
Wyoming big sagebrush	*Arternesia tridentata wyomingensis* var. Gordon Creek	1
Antelope bitterbrush	*Purshia tridentata*	1
	TOTAL	15

1. Seeding rate is listed as pounds per acre of pure live seed (PLS) drilled. Rate is increased by 50 percent if broadcast seeded.
Formula: pure live seed (PLS) = % seed purity x % seed germination

FERRON NATURAL GAS PROJECT AREA
PROPONENT: Westport **WELL #:** 44-6

EPM 16 & 17: WINTER SEASONAL RESTRICTION (DECEMBER 1 to APRIL 15) ON CRUCIAL AND HIGH PRIORITY WINTER RANGE.

Restrictions on Construction Phase Activity: Prohibit construction phase activity, described below, on big game high value and critical winter range during the period (December 1 - April 15) without regard for land ownership.

This condition would not apply to normal maintenance and operation of producing wells, described below. On nonfederal lands (where the federal government does not have either surface or subsurface ownership) the Companies would be allowed to conduct construction phase activity if needed to avoid breech of contract or loss of lease rights. In the event construction phase activity proceeds into the winter closure period on non federal interest lands, Companies would make available appropriate documentation to UDWR, upon request.

Construction Phase Activity: Construction phase activity is considered to include all work associated with initial drilling and construction of facilities through completion, including installation of pumping equipment, connection with ancillary facilities and tie-in with pipelines necessary for product delivery.

Companies would not be allowed to initiate construction activity unless it is reasonable to believe that such work can be finished to a logical stopping point prior to December 1 of that year. Specific activities considered to be covered by the seasonal closure include all heavy equipment operation including but not limited to the following:

- Mobilization/Demobilization or operation of heavy equipment (crawler tractor, front end loader, backhoe, road grader, etc.)
-Construction activity (road construction or upgrading, pad, pipeline, powerline, ancillary facilities, etc.),
-Drilling activity (Operator would not propose or initiate drilling activity if the project could not reasonably be expected to be finished to a logical stopping point by the December 1 date of that year.)
-Seismic operation, detonation of explosives

This seasonal closure would not apply to reconnaissance, survey/design and/or flagging of project work or other similar activity not requiring actions listed for heavy equipment operation.

Production Phase: A well is considered to be in production phase when the well and ancillary facilities are completed to the point that they are capable of producing and delivering product for sale. It is noted that heavy equipment operation may be necessary in the performance of maintenance and operation of producing wells.

Restriction on Non Emergency Workover Operations: The Companies will schedule non-emergency workover operations (defined below) on big game crucial and high value winter range outside the December 1 to April 15 date of the seasonal closure.

Non-emergency Workover Operations: Workover operations to correct or reverse a gradual loss of production over time (loss of production of 20 percent or less over a 60 day period) is considered to be routine or non-emergency workover operations and would not be permitted during the December 1 to April 15 time frame.

Emergency Workover Operations: Emergency work over operations are defined as downhole equipment failure problems or workover operation necessary to avoid shut in of the well or to avoid an immediate safety or environmental problem. Loss of production greater than 20 percent within a 60 day period is indicative of pump failure and will be treated as an emergency workover operation. The Companies will submit Sundry notices to BLM within five days of the emergency workover operations between December 1 and April 15.

FERRON NATURAL GAS PROJECT AREA
PROPONENT: Westport WELL #: 44-6

EPM 19: CRITICAL WINTER RANGE BROWSE HAND PLANTING

One or two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on critical winter range areas that are undergoing long term reclamation. This would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following reclamation.

Planting Methods:

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provided protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter. The protectors will be secured around the browse seedlings.

Planting shall be completed in the spring (March 1- April 1) and or fall (November 1- December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

Planting Species and Application Rate:

Species	[ ] **Sagebrush-Grass** Plants Per Acre	[ ] **Pinyon-Juniper**
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevation)	100	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
Total	200	200

Suitable Substitutions:

Prostrate Kochia	yes	yes
Whitestem Rubber Rabbitbrush	no	yes
Utah Serviceberry	no	yes
Winterfat	yes	no

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

Beginning Disposal Operations- A first production conference will be scheduled as soon as this service well is placed into operation. This conference should be coordinated through the Price Field Office.

Well Completion Report- Whether the well is completed as a dry hole, service well or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Don Stephens (435-636-3608) of the BLM Price Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding;

50 feet prior to reaching the surface casing setting depth;

50 feet prior to reaching the intermediate casing setting depth.

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer	Office: 435-259-2117 Home: 435-259-2214

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Westport Oil and Gas Company, L. P.
Operator Account Number: N 2115
Address: 1670 Broadway, Suite 2800
city Denver
state CO zip 80202-4800
Phone Number: (303) 573-5404

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730912	Wellington Federal 44-06 SWD		SESE	6	14S	11E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13919	10/9/2003			10/16/2003	
Comments: NAVA							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Daniel S. Carroll
Name (Please Print)

Signature

Senior Engineer
Title

10/13/2003
Date

(5/2000)

RECEIVED
OCT 14 2003
DIV. OF OIL, GAS & MINING

P. 01

TRANSACTION REPORT

OCT-15-2003 WED 03:56 PM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-15	03:54 PM	14356130753	1'26"	6	SEND	OK	427	

TOTAL : 1M 26S PAGES: 6

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

Bill McKnab
1695 South Hiway 10
Price UT 84501

DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: 10-15-03

FAX #: 435 613 0753

ATTN: Bill McKnab

COMPANY: Westport O & G

DEPARTMENT:

NUMBER OF PAGES: (INCLUDING THIS ONE) 6

FROM: Chris Kierst

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
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Michael O. Leavitt
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Division Director

DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: 10-15-03

FAX #: 435 613 0753

ATTN: Bill McKnab

COMPANY: Westport O & G

DEPARTMENT:

NUMBER OF PAGES: (INCLUDING THIS ONE) 6

FROM: Chris Kierst

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340. We are sending from a Sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGE:

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

General

Step-rate injection tests are performed on wells to determine the maximum safe injection pressure at which a well can operate that is below the formation fracturing (parting) pressure. Tests on wells which have been previously fractured will determine pressure at which fractures will re-open or be extended. It is important to stay below the parting pressure during normal operation of injection wells to prevent out of zone fluid and energy loss.

Testing Procedure

Step-rate tests are run by injecting fluid at a series of increasing rates or pressures with each step being of equal time length. Injection pressures, rates, and times are recorded for each step.

- Plans should be made to assure an adequate water supply is available for the entire test.
- Steps should be long enough to allow for adequate stabilization of the reservoir. A minimum of 15 minutes is recommended and 30 to 60 minutes especially if the injection zone has low permeability.
- A minimum of 7 steps is recommended to define the parting pressure, 4 steps below the parting pressure and 3 steps above the parting pressure.
- Either rate or pressure must be held constant during each step.
- Steps must be of equal time length.
- Plot test results. Pressure versus rate should be plotted using downhole pressure data. A break in slope should indicate the parting pressure of the formation.

Pressure fall-off tests can be run to verify if a break in a pressure-rate plot is actually caused by fracturing. Short term fall-off tests can be run above and below the apparent parting pressure and analyzed for fracture length. If the calculated fracture length from the high pressure test is much longer, the break probably represents fracturing.

AFFIDAVIT OF MAILING

I, Martin W. Buys, President, Buys & Associates, Inc. being first duly sworn, dispose and state as follows:

On July 25, 2002, I caused to be mailed by certified mail, postage prepaid, return receipt requested, a copy of the application to modify the Lisbon B-624 SWD Well to dispose of acid gas. This application was sent to all operators, owners and surface owners within a one half-mile radius of the subject well.

Dated this 27th day of September, 2002

Martin W. Buys
President
Buys & Associates, Inc.

The forgoing affidavit was subscribed and sworn to me by Martin W. Buys.
This 27 day of Sept, 2002

Notary Public

My Commission expires: 3 day of March

CHRISTINA ARNOLD NOTARY PUBLIC STATE OF COLORADO

My Commission Expires 5/3/2006

Sent Certified, return receipt 7/25/02

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7001 1140 0002 6009 0471

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Ser
Stre or P
City,

Bureau of Land Management
Oil & Gas Division
82 East Dogwood
Moab, UT 84532

PS F nstructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7001 1140 0002 6003 1447

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent
Street, or PO
City, S

State of Utah, SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

PS Fo tructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7001 1140 0002 6003 1488

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To
Street, or PO B
City, Sta

Chester Gordon Trust
Attn: Wayne Gardenswartz, Trustee
600 17th Street, Suite 1800 North
Denver, CO 80202

PS Form uctions

Surface, Royalty and Working Interest

1) WI Ownership within Lisbon Mississippian Unit

TBI - 99.50307% WI

Chester Gordon Trust - 0.49693% WI
600 17th Street, Suite #1800 North
Denver, CO 80202
Attn: Wayne Gardenswartz, Trustee

2) WI Ownership within the McCracken Unit

TBI - 100% WI

3) Mineral Ownership

All Minerals are Federal and State of Utah.

4) Base Royalty Ownership

All Base Royalties are paid to the BLM (Federal) and the State of Utah.

5) Surface Ownership

BLM and Tom Brown

July 29, 2002

CERTIFIED MAIL NO. 7001 1140 0002 6003 1464

Mineral, Surface and Working Interest Owners

RE: **Notification of Water Disposal**
Lisbon B-624 Well
NENW Section 24, T30S – R24E
San Juan County, Utah

To Whom it May Concern;

On July 18, 2002, we submitted to the Utah Division of Oil, Gas and Mining an application requesting approval to modify the above mentioned well to dispose of acid gas.

Anyone who would be directly and adversely affected by the authorization of the underground disposal into the Mississippian Leadville formation (8896'-9200') may file a written request for a public hearing before the division. Logs and additional information on the subject well are on file with the State of Utah, Division of Oil, Gas and Mining, 1590 W. North Temple, Suite 1210, Salt Lake City, Utah 84114.

Please contact Marty Buys at 303.781.8211 if you have any questions.

Sincerely,

Martin W. Buys
Agent for Tom Brown, Inc.

Enclosure

Form 9-331 (May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R14

5. LEASE DESIGNATION AND SERIAL NO.: U-17759

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Willard Pease Oil & Gas Company

8. FARM OR LEASE NAME: Federal

3. ADDRESS OF OPERATOR: P. O. Box 548, Grand Junction Colorado 81501

9. WELL NO.: Price #4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: C.SE.NE.Sec.6,T.14 S.,R.11 E.,S.L.M. 1990' from N-line and 650'from E-line

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.6-14S-11E-SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6151'grd.;6161' K.B.

12. COUNTY OR PARISH: Carbon 13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well has been abandoned as specified by oral approval of Oct.29,1975. In June 1976 the location was cleaned, levelled, and reseeded. Inspection of this location by the undersigned on Aug.10,1976, revealed that this work has been done in a very satisfactory manner. The grass has not come up yet, but probably will in the Spring.

GS 6/17/77 BLM 6/21/77 (Rec.)

18. I hereby certify that the foregoing is true and correct

SIGNED W. Don Quigley TITLE Cons. Engr. DATE Aug. 11, 1976

(This space for Federal or State office use)

APPROVED BY [illegible] TITLE DISTRICT ENGINEER DATE SEP 02 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

File

Copyright 2003. All rights reserved. Petroleum Information/Dwights LLC d/b/a IHS Energy Group

Date: 10/15/2003
Time: 8:38 AM

PI/Dwights PLUS on CD Scout Ticket

4 PRICE

State: UTAH
County: CARBON
Operator: PEASE WILLARD DRLG
API: 43007300300000 IC:
Initial Class: WF
Target Objective:
Final Well Class: WF
Status: D&A-G
Field: WILDCAT
Permit: on OCT 08, 1975
First Report Date: DEC 15, 1975
Projected TD: 3650 Formation: CEDAR MOUNTAIN
Hole Direction: VERTICAL

Location

Section, Twp., Range: 6 14 S 11 E
Spot Code: SE SE NE
Footage NS EW Origin: 1990 FNL 650 FEL CONGRESS SECTION
Surface remark:
Principal Meridian: SALT LAKE

Lat/Long: 39.6398800 / -110.7226000 US
PBHL Footage NS EW Origin:
PBHL Section:
PHBL remark:
PHBL: From Surface: TVD:
ABHL Footage NS EW Origin:
ABHL Section:
ABHL remark:
ABHL: From Surface: TVD:

Dates and Depths

Spud: OCT 18, 1975 Spud Date Code:
TD: 3485 on
LTD:
TVD:
PlugBack Depth:
Completed: OCT 30, 1975
Formation @ TD: 553MRSN Name: MORRISON /JURASSIC/
Ref. Elevation:
KB. Elevation:
Ground Elevation: 6180 GR
Contractor: OWN DRILLING
Rig Release Date: Rig #

Casing, Liner, Tubing

Casing 7 5/8 IN @ 336 w/ 80 sx

Formations and Logs

Top Formation	Measured Depth	Top TVD	Base Depth	Base TVD	Source	Lith-ology	Age code
MANCOS	0				LOG		603
FERRON	2160				LOG		603
DAKOTA	2760				LOG		602

Copyright 2003. All rights reserved. Petroleum I[redacted]nation/Dwights LLC d/b/a IHS Energy Grou[redacted]

Date: 10/15/2003
Time: 8:38 AM

PI/Dwights PLUS on CD Scout Ticket

Formations and Logs

CEDAR MOUNTAIN	2780	LOG	602
BUCKHORN	3420	LOG	602
MORRISON /JURASSIC/	3460	LOG	553

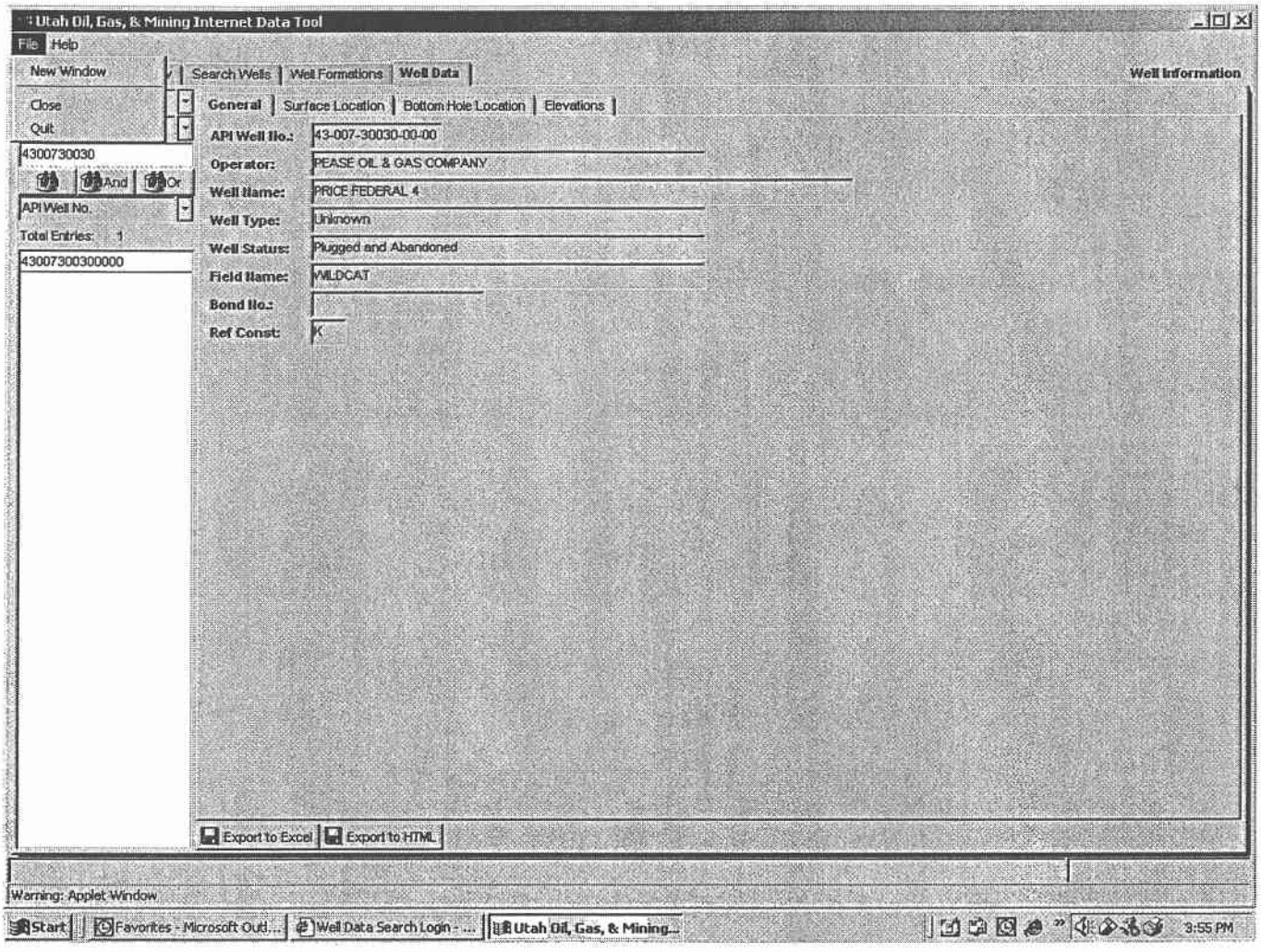
Dwights Energydata Narrative

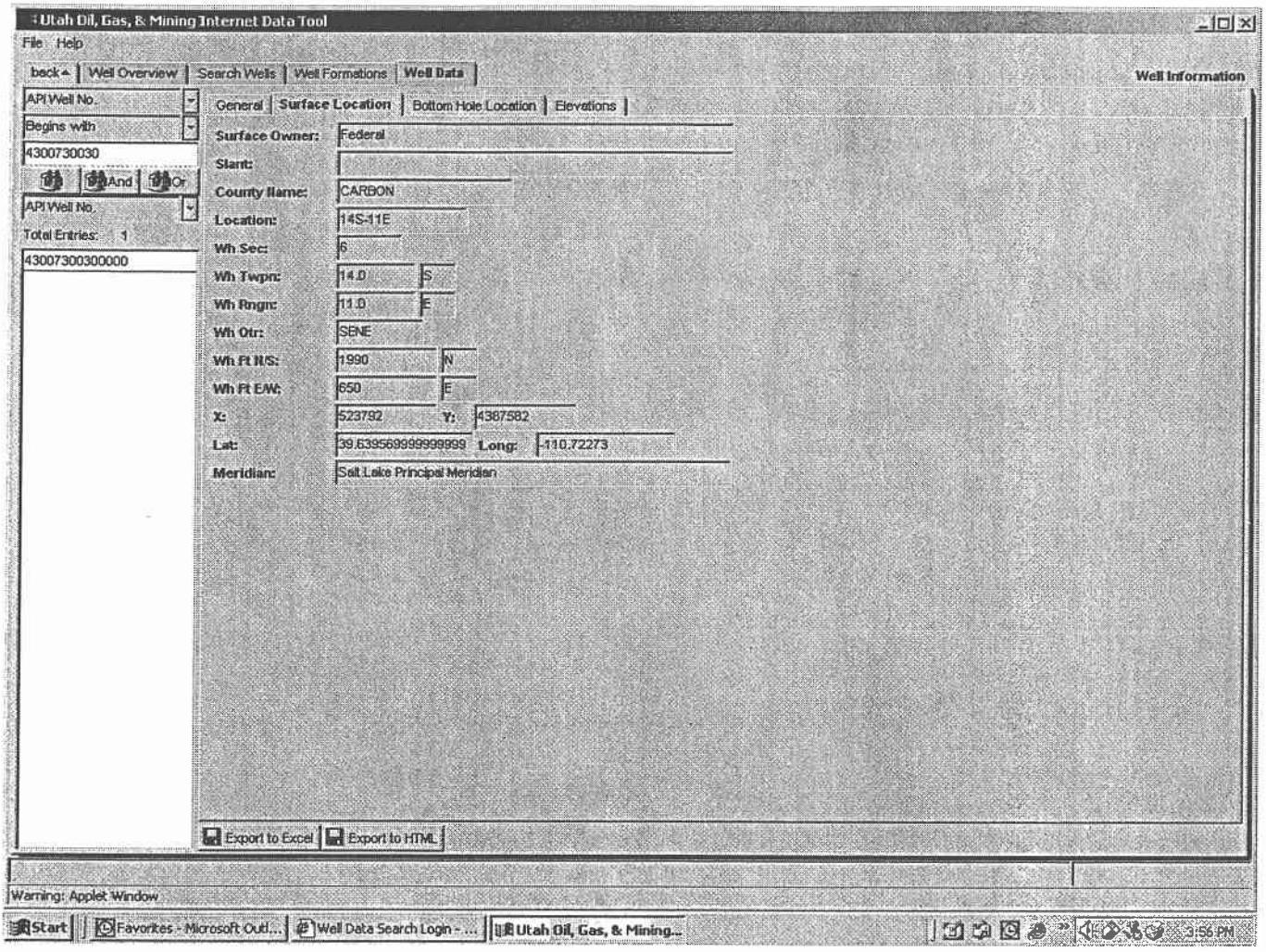
Accumulated through 1997
Cores: None
Dwights number: R8417560

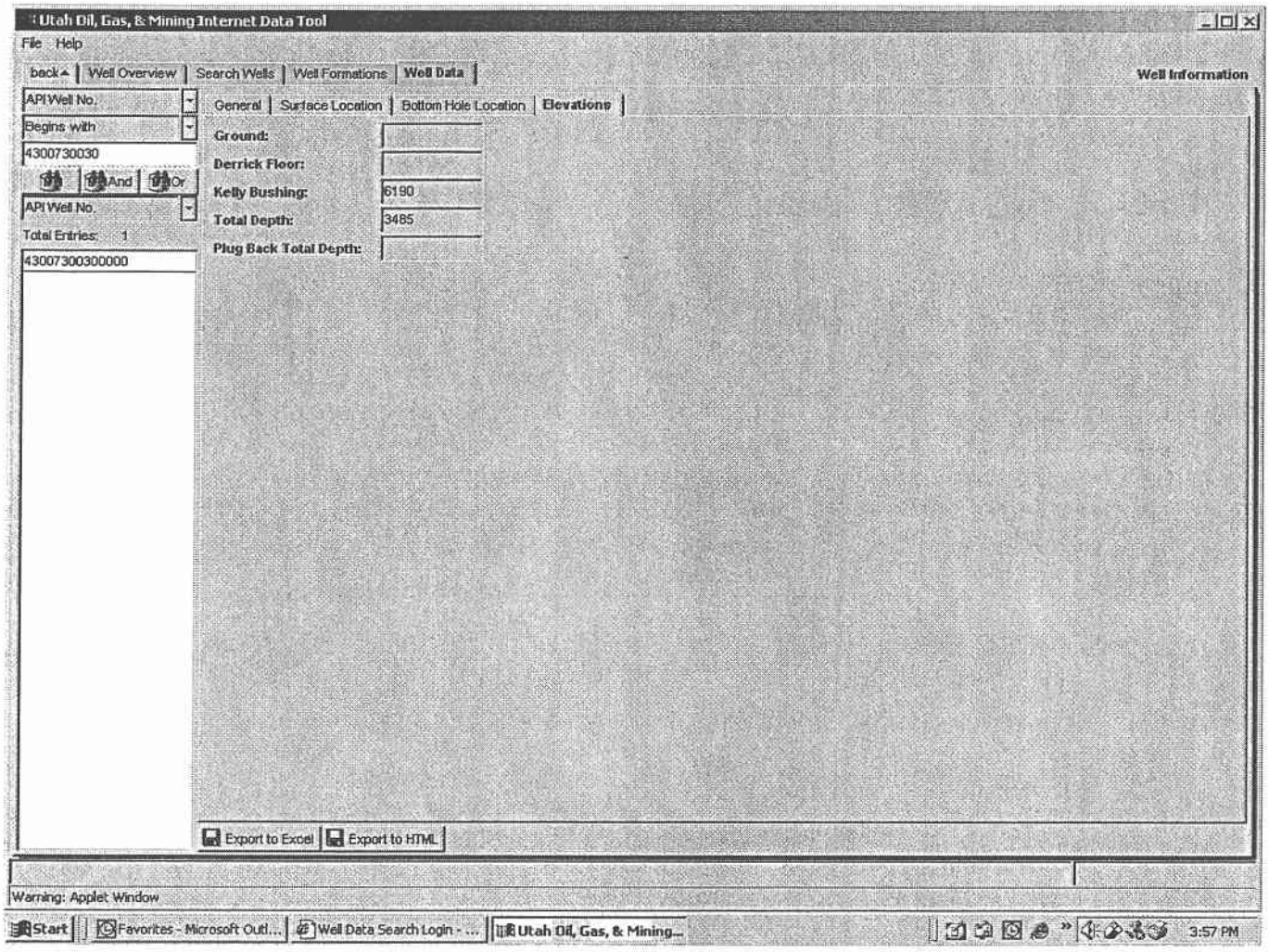
Operator Address

Street or PO Box:

City:
State, Zip: ,
Country:
Phone: Fax:
E-Mail:
Agent Name: Agent Code:
Agent Remark:


Utah Oil, Gas, & Mining Internet Data Tool
File Help
New Window
Close
Quit
4300730030
And
Or
API Well No.
Total Entries: 1
43007300300000
Search Wells
Well Formations
Well Data
Well Information
General
Surface Location
Bottom Hole Location
Elevations
API Well No.: 43-007-30030-00-00
Operator: PEASE OIL & GAS COMPANY
Well Name: PRICE FEDERAL 4
Well Type: Unknown
Well Status: Plugged and Abandoned
Field Name: WILDCAT
Bond No.:
Ref Const: K
Export to Excel
Export to HTML
Warning: Applet Window
Start
Favorites - Microsoft Out...
Well Data Search Login - ...
Utah Oil, Gas, & Mining...
3:55 PM


Utah Oil, Gas, & Mining Internet Data Tool
File Help
back
Well Overview
Search Wells
Well Formations
Well Data
Well Information
API Well No.
Begins with
4300730030
And
Or
API Well No.
Total Entries: 1
43007300300000
General
Surface Location
Bottom Hole Location
Elevations
Surface Owner: Federal
Slant:
County Name: CARBON
Location: 14S-11E
Wh Sec: 6
Wh Twpn: 14.0 S
Wh Rngn: 11.0 E
Wh Qtr: SENE
Wh Ft N/S: 1990 N
Wh Ft E/W: 650 E
X: 523792 Y: 4367582
Lat: 39.639569999999999 Long: -110.72273
Meridian: Salt Lake Principal Meridian
Export to Excel
Export to HTML
Warning: Applet Window
Start
Favorites - Microsoft Outl...
Well Data Search Login - ...
Utah Oil, Gas, & Mining...
3:56 PM


Utah Oil, Gas, & Mining Internet Data Tool
File Help
back
Well Overview
Search Wells
Well Formations
Well Data
Well Information
API Well No.
Begins with
4300730030
And
Or
API Well No.
Total Entries: 1
43007300300000
General
Surface Location
Bottom Hole Location
Elevations
Ground:
Derrick Floor:
Kelly Bushing: 6190
Total Depth: 3485
Plug Back Total Depth:
Export to Excel
Export to HTML
Warning: Applet Window
Start
Favorites - Microsoft Outl...
Well Data Search Login - ...
Utah Oil, Gas, & Mining...
3:57 PM

AFFIDAVIT OF MAILING

I, David R. Dix, Attorney-In-Fact, Westport Oil and Gas Company, L.P., being first duly sworn, dispose and state as follows:

On October 21, 2003, I caused to be mailed by certified mail, postage prepaid, return receipt requested, a copy of the application to drill the Wellington Federal 44-06 Salt Water Disposal Well. This application was sent to all operators, owners and surface owners within a one half-mile radius of the subject well.

RECEIVED
OCT 21 2003
DIV OF OIL, GAS & MINING

Dated this 21st day of October, 2003

David R. Dix
Attorney-In-Fact
Westport Oil and Gas Company, L.P.

The forgoing affidavit was subscribed and sworn to me by David R. Dix
This 21st day of October, 2003.

Rhonda C Holtgrieve Notary Public

My Commission expires the 21st day of October 2003.

RHONDA C. HOLTGREIVE NOTARY PUBLIC STATE OF COLORADO

My Commission Expires 03/07/2006

* Annotated Copy of Borehole Diagram

AFFIDAVIT OF MAILING

I, David R. Dix, Attorney-In-Fact, Westport Oil and Gas Company, L.P., being first duly sworn, dispose and state as follows:

On October 21, 2003, I caused to be mailed by certified mail, postage prepaid, return receipt requested, a copy of the application to drill the Wellington Federal 44-06 Salt Water Disposal Well. This application was sent to all operators, owners and surface owners within a one half-mile radius of the subject well.

Dated this 21st day of October, 2003

David R. Dix
Attorney-In-Fact
Westport Oil and Gas Company, L.P.

RECEIVED
OCT 21 2003
DIV OF OIL, GAS & MINING

The forgoing affidavit was subscribed and sworn to me by David R. Dix
This 21st day of October, 2003.

Rhonda C Holtgreive, Notary Public

My Commission expires the 21st day of October, 2003.

RHONDA C. HOLTGREIVE NOTARY PUBLIC STATE OF COLORADO

My Commission Expires 03/07/2004

WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202
Telephone: 303 573 5404 Fax: 303 573 5609
October 21, 2003

CERTIFIED MAIL NO. 7002 3150 0005 3552 3977

United States of America
c/o Bureau of Land Management
324 State Street, Suite 301
P.O. Box 45155
Salt Lake City, UT 84145-0155

RE: Notification of Water Disposal
Wellington Federal 44-06 SWD Well
T14S-R11E
Section 6: SE/4SE/4
Carbon County, Utah

To Whom It May Concern:

On March 13, 2003, Westport Oil and Gas Company, L.P. submitted to the Utah Division of Oil, Gas and Mining an application (a copy of which is enclosed for your review and records) requesting the right to drill a water disposal well at the above captioned location.

Anyone who would be directly and adversely affected by the authorization of the underground disposal into the Navajo, Kayenta, and Wingate Sandstone formations (estimated to cover the interval from 5,700' to 6,400') may file a written request for a public hearing before the division. All information on the well will be filed with the State of Utah, Division of Oil, Gas and Mining, 1590 W. North Temple, Suite 1210, Salt Lake City, Utah 84114.

Please contact Mr. Robert Kozarek, Geologist, at Westport Oil and Gas Company, L.P., 303-575-3102 if you should have any questions or need further information regarding this matter.

Sincerely,

WESTPORT OIL AND GAS COMPANY, L.P.

David R. Dix
Land Manager

Enclosure

cc: Bureau of Land Management
Mr. Eric Jones
Assistant Field Manager, Division of Resources
82 East Dogwood
Moab, Utah 84532

Bureau of Land Management
Mr. Don Stevens
Geologist
125 South 600 West
Price, Utah 84501

SURFACE, ROYALTY AND WORKING INTEREST

SURFACE OWNERSHIP:

Township 14 South – Range 11 East, S.L.P.M.

E2NW NE4	Section 7	United States of America c/o Bureau of Land Management 324 State Street, Suite 301 P.O. Box 45155 Salt Lake City, UT 84145-0155
NW/4	Section 8	United States of America c/o Bureau of Land Management 324 State Street, Suite 301 P.O. Box 45155 Salt Lake City, UT 84145-0155
W/2	Section 5	United States of America c/o Bureau of Land Management 324 State Street, Suite 301 P.O. Box 45155 Salt Lake City, UT 84145-0155
E/2, NW/4	Section 6	United States of America c/o Bureau of Land Management 324 State Street, Suite 301 P.O. Box 45155 Salt Lake City, UT 84145-0155
SW/4	Section 6	Charles and Jeanne Goodall 11252 S. Wyngate Lane Sandy, UT 84092
E/2	Section 6	Carbon County, Utah Carbon County Planning and Building Department 120 East Main Street Price, UT 84501

LEASEHOLD OWNERSHIP:

Township 14 South – Range 11 East, S.L.P.M.

E/2, NW/4	Section 6	Westport Oil and Gas Company, L.P. 1670 Broadway, Suite 2800 Denver, CO 80202 Robert L. Bayless, Producer LLC 621 17th Street, Suite 1640 Denver, CO 80293-1201

SW/4	Section 6	Anadarko Petroleum Corporation P.O. Box 1330 Houston, TX 77251-1330
W/2	Section 5	Westport Oil and Gas Company, L.P. 1670 Broadway, Suite 2800 Denver, CO 80202 Robert L. Bayless, Producer LLC 621 17th Street, Suite 1640 Denver, CO 80293-1201
NW/4	Section 8	Westport Oil and Gas Company, L.P. 1670 Broadway, Suite 2800 Denver, CO 80202 Robert L. Bayless, Producer LLC 621 17th Street, Suite 1640 Denver, CO 80293-1201 Chevron Texaco 1111 S. Wilcrest Houston, TX 77099 Kidd Family Partnership, LTD 3838 Oak Lawn Ave. #79 Two Turtle Creek Village Dallas, TX 75219
NE/4, E/2 NW/4	Section 7	Westport Oil and Gas Company, L.P. 1670 Broadway, Suite 2800 Denver, CO 80202 Robert L. Bayless, Producer LLC 621 17th Street, Suite 1640 Denver, CO 80293-1201 Chevron Texaco 1111 S. Wilcrest Houston, TX 77099 Kidd Family Partnership, LTD 3838 Oak Lawn Ave. #79 Two Turtle Creek Village Dallas, TX 75219

MINERAL OWNERSHIP:

Township 14 South – Range 11 East, S.L.P.M.

E/2, NW/4	Section 6	United States of America c/o Bureau of Land Management 324 State Street, Suite 300 P.O. Box 45155 Salt Lake City, UT 84155-0155
SW/4	Section 6	Charles and Jeanne Goodall 11252 S. Wyngate Lane Sandy, UT 84092
W/2	Section 5	United States of America c/o Bureau of Land Management 324 State Street, Suite 300 P.O. Box 45155 Salt Lake City, UT 84155-0155
NW/4	Section 8	United States of America c/o Bureau of Land Management 324 State Street, Suite 300 P.O. Box 45155 Salt Lake City, UT 84155-0155
NE/4, E/2NW/4	Section 7	United States of America c/o Bureau of Land Management 324 State Street, Suite 300 P.O. Box 45155 Salt Lake City, UT 84155-0155

ROYALTY OWNER:

Township 14 South – Range 11 East

E/2NW/4, NE/4	Section 7	Merrion Oil & Gas Corp. 610 Reilly Avenue
NW/4	Section 8	Farmington, NM 87401

7/14/03

Form 3160-3
(August 1999)

FORM APPROVED
OMB NO. 1004-0136
Expires: November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: **UTU-80561**

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: [X] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.:

1b. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other [X] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: **Wellington Federal 44-6 SWD**

2. Name of Operator: **Westport Oil and Gas Company, L. P.**

9. API Well No.: 43-007-30912

3a. Address: **1670 Broadway - Suite 2800 - Denver, CO 80202-4800**

3b. Phone No. *(include area code)*: **303-573-5404**

10. Field and Pool, or Exploratory: **Helper Field - Navajo**

4. Location of well *(Report location clearly and In accordance with any State requirements. *)*
At surface: **SESE 937' FSL, 658' FEL**
At proposed prod. zone: **Same**

11. Sec., T., R., M., or Blk. And Survey or Area: **Section 6: T 14 S - R 11 E, S.L.B.&M.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: **approximately 6.7 miles ESE from Price, UT**

12. County or Parish: **Carbon**

13. State: **UT**

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg unit line, if any): **658'**	16. No. of Acres in lease: **490 acres**	17. Spacing Unit dedicated to this well: **160 acres**
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: **~2500'**	19. Proposed Depth: **6485'**	20. BLM/ BIA Bond No. on file: **BLM Nationwide Bond No. 158624364**
21. Elevations (Show whether DF. RT, GR, etc.): **6086'**	22. Aproximate date work will start*: **Upon APD Approval**	23. Estimated Duration: **5 days drilling plus 9 days completion**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by existing bond on file(see item 20 above).
5. Operator certification.
6. Such other site specific information and/ or plans as may be required by the an authorized officer.

25. Signature	Name *(Printed/ Typed)*	Date
	Daniel S. Carroll	**July 9, 2003**
Title: **Senior Engineer**		

Approved By *(Signature)*	Name *(Printed/ Typed)*	Date
Eric Jones	ERIC JONES	10·6·3
Title: Acting Assistant Field Manager, Division of Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

April 1, 2003

Westport Oil & Gas Company, LP
1670 Broadway, Suite 2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 SWD Well, 937' FSL, 658' FEL, SE SE, Sec. 6, T. 14 South, R. 11 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30912.

Sincerely,

John R. Baza
Associate Director

mj
Enclosures
cc: Carbon County Assessor
Bureau of Land Management, District Office

Utah!
Where ideas connect

Operator: Westport Oil & Gas Company, LP

Well Name & Number Wellington Federal 44-6 SWD

API Number: 43-007-30912

Lease: UTU-80561

Location: SE SE **Sec.** 6 **T.** 14 South **R.** 11 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator: Westport Oil and Gas Company, L. P.	Utah Account Number: N	Well Name and Number: Wellington Federal 44-6 SWD
Address of Operator: 1670 Broadway-2800 CITY Denver STATE CO ZIP 80202-4800	Phone Number: (303) 573-5404	API Number:
Location of Well Footage : 937' FSL, 658' FEL County : Carbon QQ, Section, Township, Range: SESE 6 14 11 State : UTAH		Field or Unit Name: Helper Lease Designation and Number:

Is this application for expansion of an existing project?		Yes ☐	No ☑
Will the proposed well be used for:	Enhanced Recovery?	Yes ☐	No ☐
	Disposal?	Yes ☑	No ☐
	Storage?	Yes ☐	No ☐
Is this application for a new well to be drilled?		Yes ☑	No ☐
If this application is for an existing well, has a casing test been performed?		Yes ☐	No ☐

Date of test: _____

Proposed injection interval: from 5,850 to 6,375

Proposed maximum injection: rate 6,500 bpd pressure 2,150 psig

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: Drilling Prognosis and wellbore diagram

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Daniel S. Carroll Title Senior Engineer

Signature _____ Date 3/5/2003

(5/2002)

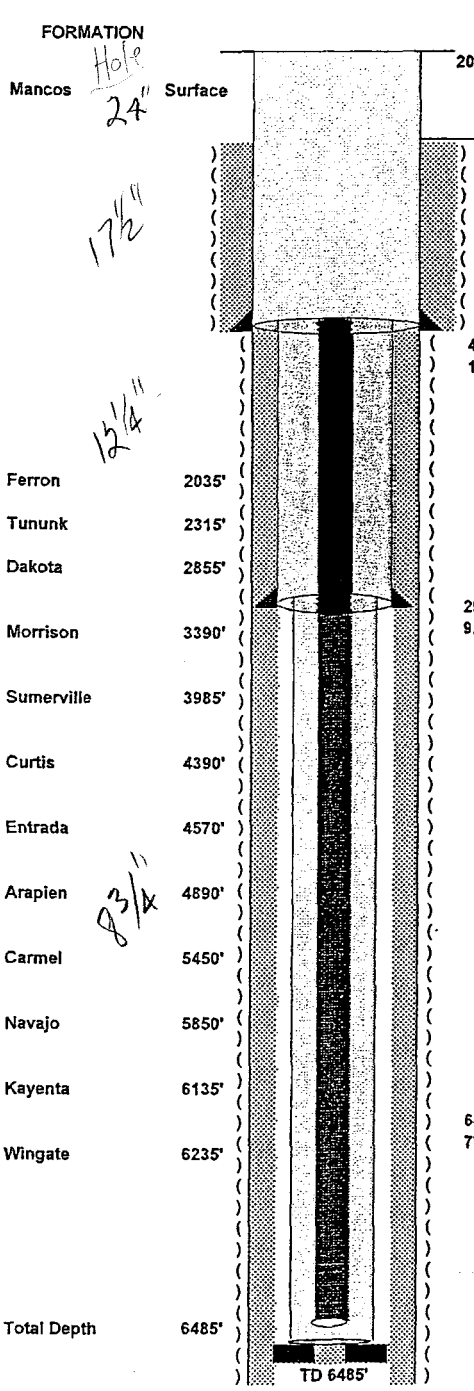
WEST O[redacted] OIL AND GAS COMPA[redacted]
FERRON COAL PROJECT
WELLINGTON FEDERAL 44-6 SWD
SESE 937' FSL, 658' FEL
Section 6: Township 14 South – Range 11 E, S.L.B.&M.
Carbon County, Utah

DRILLING PROGNOSIS:

1. Prepare location for drilling rig. Drill rat hole and mouse hole.
2. Drill a 24" hole to set conductor pipe. Run an electronic multi shot after reaching surface-hole total depth.
3. Run 13.375" surface casing and cement as specified in the casing and cementing sections of the Master Drilling Plan. Thread lock guide shoe, float collar and bottom two joints of casing. Run two joints of casing between the float shoe and the float collar.
4. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
5. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
6. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
7. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
8. Drill a 12.25" hole to the base of the Dakota with conventional rotary techniques and insert bits and air mud system.
9. Run single point directional survey with every bit trip.
10. Waiting on cement time shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out. Provide 24 hours prior notice to BLM office for BOP test.
11. Cut off casing, weld on head and nipple up BOP. Pressure test BOP and BOPE to 5000 psi and 250 psi for 15 minutes. Test BOP and BOPE with a test plug.
12. After BOP test, test the surface casing to 70% of burst. Test pressure = 0.70 x 3950 psi = 2765 psi.
13. Drill stage collar, float shoe and 10' of new formation. Run shoe test to 10.5 ppg EMW.
14. Drill 8.75" hole to Total Depth (estimated @ 6485').
15. Run open hole logs as specified in the logging section of Master Drilling Program.
16. Pending log evaluation, run sidewall cores or prepare to run 7" casing and cement in full tension as specified in the casing and cementing section of the Master Drilling Program.
17. Clean the location and release the drilling rig.

WELLBORE DIAGRAM

Operator:	WESTPORT OIL AND GAS COMPANY, L. P.
Well Name:	WELLINGTON FEDERAL 44-6 SWD
Lease Serial No.:	UTU-80561
Location:	Sec. 6: T 14 S - R 11 E SESE
Field:	Helper
County:	Carbon
API Number:	Not assigned yet
	937' FSL, 658' FSL



20" Conductor Pipe To 40'
Cement with 28 sxs Premium AG

400' Surface Casing:
13.375", 48#, J-55 ST&C

To surface
Cement with Halliburton with the following:
20 bbl spacer with gel water.
530 sxs Premium AG.
Slurry yield of 1.16 cu ft / sack, 15.80# / gal with 2% CaCl,
0.125# per sack Poly E Flakes.

2900' Intermediate Casing
9.625" 40# K-55 STC

To surface
Cement with Halliburton with the following:
20 bbl spacer
180 sxs Premium AG w/ 1% CaCl and 0.125# per sack Poly E Flakes
Slurry yield of 1.83 cu ft / sack

6485' Production Casing
7" 26# K-55 STC

To surface
Cement with Halliburton with the following:
300 sxs 50/50 Poz mix with 5% Bentonite Lite, 8% Cal Seal 60,
0.125#/ sack Poly E Flakes.
Slurry Yield 1.34 cu ft/sack.

WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202
Telephone: 303 573 5404 Fax: 303 573 5609

October 24, 2003

Utah Division of Oil, Gas and Mioning
1594 West North Temple
Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Attn: Ms. Diana Mason

RE: **Exception Location**
Wellington Federal SWD 44-06
T14S-R11E
Section 6: SE/4SE/4
Carbon County, Utah

Gentlemen:

Westport Oil and Gas Company, L.P. (Westport) hereby requests administrative approval for an exception location for the above captioned well pursuant to Rule 649-3-3 of the Utah Oil and Gas conservation General Rules. This exception location is necessary because of topographical problems at the original location 800' FSL and 800' FEL in Section 6. The exception location is 937' FSL and 658' FEL of Section 6. Please be advised that there are no additional leasehold owners within 460' of the subject well.

Please contact the undersigned if you have any questions.

Sincerely,

WESTPORT OIL AND GAS COMPANY, L.P.

Keefe C. Perkins
Senior Landman

RECEIVED
OCT 24 2003
DIV. OF OIL

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

April 1, 2003
Amended October 27, 2003

Westport Oil & Gas Company, L.P.
1670 Broadway, Suite 2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 SWD Well, 937' FSL, 658' FEL, SE SE, Sec. 6, T. 14 South, R. 11 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30912.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Carbon County Assessor
Bureau of Land Management, Moab District Office

Utah!
Where ideas connect

Operator: Westport Oil & Gas Company, L.P.

Well Name & Number Wellington Federal 44-6 SWD

API Number: 43-007-30912

Lease: UTU-80561

Location: SE SE **Sec.** 6 **T.** 14 South **R.** 11 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF WESTPORT OIL & GAS COMPANY L. P. FOR ADMINISTRATIVE APPROVAL OF THE WELLINGTON FEDERAL 44-6 SWD WELL LOCATED IN SEC 6, T14S, R11E, CARBON COUNTY, UTAH, AS A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC 309

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Westport Oil & Gas Company L. P. for administrative approval of the Wellington Federal 44-6 SWD well, located in Sec 6, T14S, R11E, Carbon County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Navajo Sandstone, Kayenta Formation and Wingate Sandstone will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Westport Oil & Gas, L. P.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Assiciate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 27th day of October, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

John R. Baza
Associate Director

Westport Oil & Gas Company L. P.
Wellington Federal 44-6 SWD
Cause No. UIC 309

Publication Notices were sent to the following:

Westport Oil & Gas Company L. P.
P. O. Box 1148
Vernal, UT 84078

via E-Mail and Facsimile (435) 637-2716
Sun Advocate
845 East Main Street
Price, UT 84501-2708

via E-Mail and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Moab Field Office District Office
Bureau of Land Management
82 East Dogwood, Suite M
Moab, UT 84532

Carbon County Planning
120 East Main Street
Price, UT 84501

Price City
185 East Main Street
Price, UT 84501

Bill McKnab
1695 South Highway 10
Price, UT 84501

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466

Julie Carter
Executive Secretary
October 27, 2003

C:\WINDOWS\TEMP\Wellington Federal 44-6 SWD Notice.doc

P. 01

TRANSACTION REPORT

OCT-27-2003 MON 10:24 AM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-27	10:23 AM	2372776	45″	2	SEND	OK	516	

TOTAL : 45S PAGES: 2

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 27, 2003

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

RE: Notice of Agency Action - Cause No. UIC 309-1

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
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Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 27, 2003

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

RE: Notice of Agency Action - Cause No. UIC 309-1

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Julie Carter
Executive Secretary

encl.

Utah!
Where ideas connect

P. 01

TRANSACTION REPORT

OCT-27-2003 MON 10:25 AM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
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TOTAL : 50S PAGES: 2

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 27, 2003

SENT VIA FAX 435-637-2716 and Regular Mail

Sun Advocate
845 East Main Street
Price, UT 84501-2708

RE: Notice of Agency Action - Cause No. UIC 309-1

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 27, 2003

SENT VIA FAX 435-637-2716 and Regular Mail

Sun Advocate
845 East Main Street
Price, UT 84501-2708

RE: Notice of Agency Action - Cause No. UIC 309-1

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Julie Carter
Executive Secretary

encl.

C:\WINDOWS\TEMP\Wellington Federal 44-6 SWD Notice.doc

Utah!
Where ideas connect

From: "NAC LEGAL" <naclegal@nacorp.com>
To: "Julie Carter" <juliecarter@utah.gov>
Date: 10/27/03 2:54PM
Subject: Re: UIC 309

Julie,
Thank you for emailing the ad.
Please check the ad in the paper on Oct. 30th.
Thanks again.

Lynn Valdez
Newspaper Agency Corp.
P. O. Box 45838
Salt Lake City, UT 84145
Ph. (801) 237-2720
Fax (801) 237-2776

----- Original Message -----
From: "Julie Carter" <juliecarter@utah.gov>
To: <naclegal@nacorp.com>
Sent: Monday, October 27, 2003 12:31 PM
Subject: UIC 309

Please notify me of the publication date.

WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202
Telephone: 303 573 5404 Fax: 303 573 5609

October 24, 2003

Utah Division of Oil, Gas and Mioning
1594 West North Temple
Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Attn: Ms. Diana Mason

RE: **Exception Location**
Wellington Federal SWD 44-06
T14S-R11E
Section 6: SE/4SE/4
Carbon County, Utah

Gentlemen:

Westport Oil and Gas Company, L.P. (Westport) hereby requests administrative approval for an exception location for the above captioned well pursuant to Rule 649-3-3 of the Utah Oil and Gas conservation General Rules. This exception location is necessary because of topographical problems at the original location 800' FSL and 800' FEL in Section 6. The exception location is 937' FSL and 658' FEL of Section 6. Please be advised that there are no additional leasehold owners within 460' of the subject well.

Please contact the undersigned if you have any questions.

Sincerely,

WESTPORT OIL AND GAS COMPANY, L.P.

Keefe C. Perkins
Senior Landman

RECEIVED
OCT 2 8 2003
DIV. OF OIL, GAS & MINING

1695 S. HIGHWAY 10
PRICE, UT 84501

435-613-0752 (OFF)
435-613-0753 (FAX)

V. W. (BILL) MCKNAB II
PETROLEUM ENGINEER

2375 GARLAND STREET
LAKEWOOD, CO 80215
billmcknab@aol.com

303-462-1124 (OFF)
303-462-1416 (FAX)
303-550-1274 (CELL)

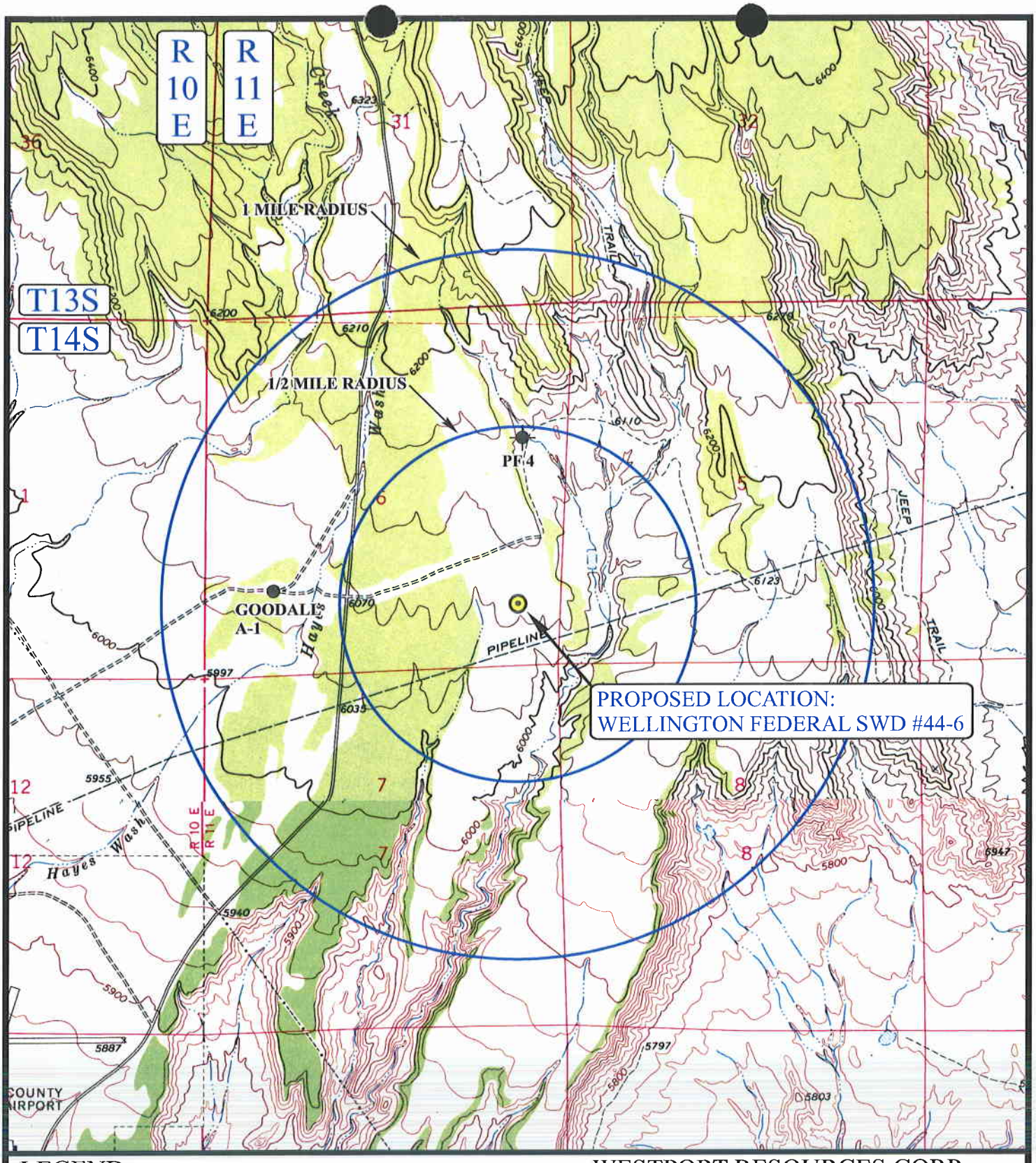
CHRIS

HERE ARE 2 DIFFERENT MAPS.

LET ME KNOW IF THERE ARE ANY QUESTIONS.

Bill

RECEIVED
OCT 30 2003
DIV. OF OIL, GAS & MINING



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

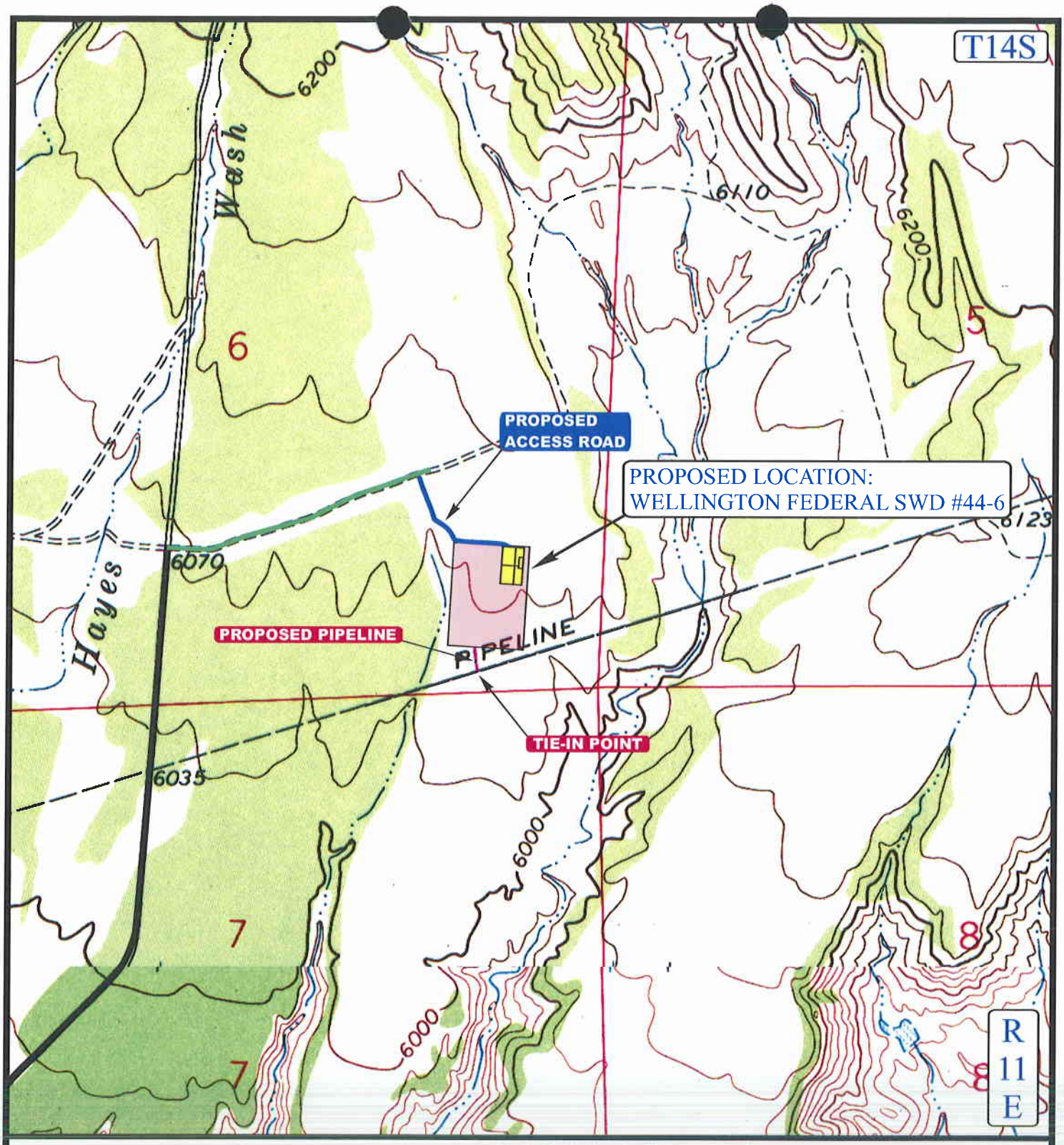
N

WESTPORT RESOURCES CORP.

WELLINGTON FEDERAL SWD #44-6
SECTION 6, T14S, R11E, S.L.B.&M.
937' FSL 658' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	1 MONTH	13 DAY	03 YEAR
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 10-14-03	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 200' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

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937' FSL 658' FEL

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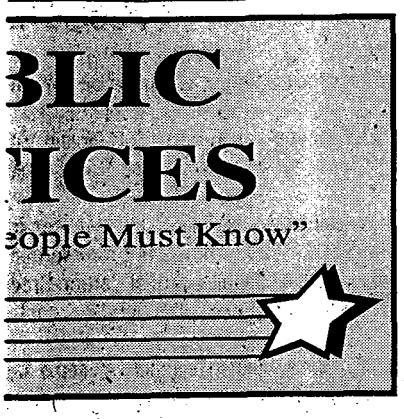
TOPOGRAPHIC MAP | 3 MONTH | 17 DAY | 03 YEAR

SCALE: 1" = 1000' | DRAWN BY: J.L.G. | REVISED: 00-00-00

D TOPO



IC NOTICE

on of Healthcare Organizations will conduct
edical Service Association, Inc. - December
on's compliance with nationally established

ent and valid information about quality of care
ent in which care is provided may request a
oint Commission's field representative at the
ublic information interview must be made in
ter than five working days before the survey
e of the information to be provided at the
ddressed to:

f Healthcare Organizations

date, time and place of the meeting.
ber 21, 23, 28, 30, November 4, 6, 11, 13,
ecember 1 and 3, 2003.

BLIC NOTICE

roject in a 100-Year Floodplain and Notice ease of Funds.

s and Individuals:
unty has conducted an evaluation as required
0 in accordance with HUD regulations at 24
affect that its activity in the floodplain will have
oject: Rehabilitation/renovation of The Golden
t, Helper, Utah 84526 located in a 100-year
estimated to be $100,000.00 - $200,000.00
ave been analyzed and it has been determined
ousing Authority of Carbon County intends to
ving reasons: The rehabilitation/renovation of
y to guarantee a safe and protected environ-
rotect the historical integrity of the building.
be submitted to: Carbon County, 120 East
nust be received in the offices listed within 7

3, Carbon County on behalf of the Housing
uest the Utah State Division of Community
al funds under Title I of the Housing and
4 (PL93-383) for the project listed above. An
t has been made by Housing Authority of
ublic examination and copying at the offices

NOTICE OF AGENCY ACTION
CAUSE NO. UIC 309

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
APPLICATION OF WESTPORT OIL &
GAS COMPANY L.P. FOR
ADMINISTRATIVE APPROVAL OF THE
WELLINGTON FEDERAL 44-6 SWD
WELL LOCATED IN SEC 6, T14S, R11E,
CARBON COUNTY, UTAH, AS A
CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commending an informal adjudicative proceeding to consider the application of Westport Oil & Gas Company L.P for administrative approval of the Wellington Federal 44-6 SWD well, located in Sec 6, T14S, R11E, Carbon County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Navajo Sandstone, Kayenta Formation and Wingate Sandstone will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Westport Oil & Gas, L.P.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801)538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this after affects their interests.

Dated this 27th day of October, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
John R. Baza
Associate Director

Published in the Sun Advocate November 4, 2003.

NOTICE OF TRUSTEE'S SALE

The following described property will be sold at public auction to the highest bidder, payable in lawful money of the United States, at the East Main Entrance, Courts Complex, Carbon County Courthouse, 149 East 100 South, Price, Utah, on December 8, 2003, at 12:00 p.m. of said day, for the purpose of foreclosing a trust deed originally executed on April 9, 2001 by James M. Jarvi, as trustors, in favor of Mortgage Electronic Registration Systems, Inc., covering the following real property purported to be located in Carbon County at 704 North 500 East, Price, UT 84501 (the undersigned disclaims liability for any error in the address), and more particularly described as:

Beginning at the Southwest corner of Block 12, PARK DALE TOWNSITE, and running thence North 98 feet; thence East 75 feet; thence South 98 feet; thence West 75 feet to the point of beginning.

Together with all the improvements now or hereafter erected on the property, and all easements, appurtenances, and fixtures now or hereafter a part of the property.

The current beneficiary of the trust deed is Mortgage Electronic Registration

NOTI

The following notice of intent to construc
Administrative Code Rule R307-401 and h
the Executive Secretary, Utah Air Quality Bo

Rocky Mountain Excavation
6065 North Coal Creek Road
Price, Utah 84501

Location: Various Locations Throug

Project Description: Intent to Ap
Equipment.

This plant would emit all air pollutar
year.

The engineering evaluation has been comp
adverse air quality impacts. It is the intent o
project.

The proposal and estimates of the effect or
inspection and comments at the Division
Environmental Quality, 1950 West 150 No
Written comments received by the Divisi
December 4, 2003, will be considered in m
disapproval of the proposed construction.

If anyone so requests to the Executive S
publication of the Notice, a hearing will be
rationale for proposed action. A hearing wil
the proposed project location. Comments
ated and considered by the Executive Sec
the approval/disapproval of the project.

Date of Notice: November 4, 2003.
Published in the Sun Advo

ADVERTISEMEN
CDBG 2002-2003, PRICE C
ACCESS DOOR IM
PRICE MUNICIPA

Sealed Bid Proposals for: 'CDBG 200
Access Door Improvements', identified
reference number #030533, will be rec
the office of the Price City Recorder until
2003. Bids will be publicly opened and re
2003 in the City Council Chamber in the
East Main Street, PO Box 893, Price, Utah
scheduled provided along will addendum
envelope and addressed to the Price City
shall be labeled with the words 'Re-Bid fo
the envelope in the US Mail or hand delive
Fed-Ex, UPS or similar freight service.
The principal items of work are appro
electric automatic door openers and acces
disabled to City Hall and the Museum. U
door on the east and south entries to City
in City Hall. Two (2) exterior doors or
automatic door openers and accessories
Disability Act (ADA). All regulations and
will automatically open and be equipped

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **Salt Water Disposal**

2. Name of Operator
WESTPORT OIL AND GAS COMPANY, L. P.

3a. Address
1670 Broadway-Suite 2800 Denver, CO 80202-4800

3b. Phone No. *(include area code)*
(303) 573-5404

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SESE 937' FSL, 658' FEL

5. Lease Serial No.
UTU-80561

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Wellington Federal 44-06 SWD

9. API Well No.
43-007-30912

10. Field and Pool, or Exploratory
Helper Field / Navajo

11. County or Parish, State
Sec. 6: T 14 S - R 11 E, S.L.B.&M.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other **Spud & Drilling Activities Reports**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be files within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Westport Oil and Gas Company, L. P., respectfully wishes to inform the proper authorities of drilling activities for the above subjected salt water disposal well which spud on October 9, 2003 w/ Pete Martin Rat Hole Service. Ran 40' 20" conductor casing. MIRU Bill Martin Jr Surface Rig, drilled 17 1/2" surface hole to 450'. Ran and cement 13 3/8", 48# J-55 casing to a depth of 450'. RDMO rig. MIRU Key Drilling Rig # 978 on 10/17/03. Drilled ahead to 2660'. RU T&M Caser and ran and cemented w/ Halliburton 9 5/8", 40#, 8rd, LT&C K-55 new casing. WOC. Drilled ahead to a depth of 6360' TD. Logged with Phoenix Survey, Inc., ran Compensated Density Compensated Neutron/GR and Dual Induction Guard Log/GR. RU T&M Caser and ran 7", 26#, N-80 production casing and cemented in two stages w/ Halliburton. Released Key Rig # 978 on 11/7/03. Currently moved completion rig on location.

Attached copies of drilling activities reports.

BLM Bond No. CO-1203 BLM Nationwide Bond 158626364

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Debby Black** Title **Engineering Technician**

Signature *Debby J. Black* Date **11/11/03**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

RECEIVED

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

DIV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

3 Originals BLM 1 Copy State ✓ 1 Copy Well File
BLM Sundry Wellington Fed 44-06 SWD Report.xls

Westport Oil and Gas

Drilling Chronological Regulatory

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN
Project AFE:	103013D	AFEs Associated:			/ / /

Daily Summary

Activity Date :	10/10/2003	Days From Spud :	1	Current Depth :	20 Ft	24 Hr. Footage Made :	20 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	4.00	24	BUILDING LOCATION	0	0	NIH
11:00	0.50	01	MIRU PETE MARTIN RAT HOLE SERVICE	0	0	NIH
11:30	3.50	02	DRILL 30" CONDUCTOR HOLE TO 40'	0	40	NIH
15:00	1.00	12	RUN 40' 20" CONDUCTOR CSG & CEMENT W/ 5 YDS 6 SK READY MIX	40	40	NIH
16:00	1.50	02	SET UP & DRILL MOUSE HOLE	0	20	NIH
17:30	0.50	01	LAY DOWN DERRICK & SHUT DOWN FOR NIGHT.	20	20	NIH
18:00	13.00	21	WAIT ON DAYLITE & LINER FOR MOUSE & RAT HOLE	20	20	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/11/2003	Days From Spud :	2	Current Depth :	435 Ft	24 Hr. Footage Made :	415 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	1.00	21	SET LINER IN MOUSE HOLE	20	20	NIH
8:00	2.00	02	DRILL RAT HOLE TO 30'	0	30	NIH
10:00	1.00	21	RUN LINER IN RAT HOLE	30	30	NIH
11:00	1.00	01	RD BUCKET RIG & RELEASE SAME	30	30	NIH
12:00	4.00	21	WAIT ON SURF RIG	30	30	NIH
16:00	1.50	01	MIRU BILL MARTIN JR SURF RIG	30	30	NIH
17:30	13.50	02	DRLG 17 1/2" SURF HOLE	40	435	NIH
Total:	24.00					

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/12/2003	Days From Spud :	3	Current Depth :	450 Ft	24 Hr. Footage Made :	2 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
8:00	0.00			0	0	NIH
7:00	1.00	02	DRILL 17 1/2" HOLE TO 450'	435	450	NIH
8:00	0.50	05	BLOW HOLE CLEAN	450	450	NIH
8:30	0.50	06	TOOH	450	450	NIH
9:00	1.50	12	RU & RUN 10 JTS 13 3/8" 48# H-40 8rd ST&C NEW MAVERICK CSG. TALLY 430.80' SET @ 437' KB. CSG EQUIPPED W/ HALCO GS, IFV.& 3 CENT. CENT INSTALLED IN MIDDLE OF 1st JT , TOP OF 2nd JT & TOP OF 5th JT.	450	437	NIH
10:30	0.50	01	RD BILL JR RATHOLE DRLG & RELEASE RIG @ 1100 HRS. 10-11-03.	450	450	NIH
11:00	2.00	12	DIG SURF RETURN PIT, RU HALLIBURTON . PUMP 20 BBLS WTR. 20 BBLS GELLED WTR W/ FLOCELE, 90 BBLS WTR TO BREAK CIRC. MIX & PUMP 475 SKS TYPE 5 CMT W/ 2% CC, .25#/ SK FLOCELE @ 15.6#/ GAL, YIELDING 1.18 CFS, DROP PLUG, STARTED 61 BBLS DISPLACEMENT, WELL BRIGDED OFF AFTER PUMPING 52 BBLS,SD & LEFT 9 BBLS CMT (52') IN CSG, CIRC 3 BBLS GOOD CMT TO PIT. SWI . WOC & WAIT ON ROTARY RIG	450	450	NIH
13:00	18.00	13	WOC RD HALLIBURTON	450	450	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/13/2003	Days From Spud :	4	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	24.00	21	WAITING ON KEY DRLG RIG #978	450	450	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/14/2003	Days From Spud :	5	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	1.00	13	WOC	450	450	NIH
8:00	3.50	21	DIG CELLAR, WELD ON 13 3/8" CAMERON CSG HEAD	450	450	NIH
11:30	3.50	21	ISALL 6' X 4' CELLAR RING LEVELED LOC AROUND WELLHEAD, BACK FILL WORKING PIT.SET DEADMAN ANCHORS	450	450	NIH
15:00	16.00	21	WAIT ON KEY DRLG RIG. 2 LOADS ARRIVED ON LOC. OUTPOST OFFICE INC DELIVERED SUPERVISOR'S TRLR	450	450	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/15/2003	Days From Spud :	6	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	24.00	21	WAITING ON KEY DRLG RIG	450	450	NIH
Total:	24.00					

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/16/2003	Days From Spud :	7	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :				Rig Name:			
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
7:00	24.00	21	MOVING IN KEY DRLG RIG #978	450	450	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/17/2003	Days From Spud :	8	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.00	01	RU KEY # 978	450	450	NIH
16:00	12.00	21	WAIT ON SPACER SPOOL. NU HYDRIL & ROTATING HEAD. BUILD BLOOIE LINE	450	450	NIH
4:00	2.00	15	PRESS TEST HYDRIL & MANIFOLD TO 2000# NOTIFIED DON STEPHENS W/ BLM F/ PRESS TEST	450	450	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/18/2003	Days From Spud :	9	Current Depth :	450 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.50	15	PRESS TST HYDRIL & MANIFOLD TO 2000#, TST CSG TO 1000#	450	450	NIH
8:30	1.00	21	HOOK UP CHOKE & MANIFOLD LINES TO FLARE PIT	450	450	NIH
9:30	3.00	21	PU BHA	450	450	NIH
12:30	0.50	21	INSTALL ROT HEAD RUBBER & DRIVE	450	450	NIH
13:00	3.00	02	DRLG CMT, PLUG, FLOAT & SHOE. TAG CMT @ 334'	450	450	NIH
16:00	1.00	21	BLOW HOLE DRY	450	450	NIH
17:00	13.00	02	DRLG & SURVEYS. DRL'D 437' - 986'. 42'/ HR.	450	450	NIH
Total:	24.00					

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/19/2003	Days From Spud :	10	Current Depth :	1940 Ft	24 Hr. Footage Made :	1490 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	02	DRLG 972'-1204' @ 58' / HR	972	1204	NIH
10:00	0.50	10	BLOW HOLE CLEAN & SURVEY @ 1168' 1 1/4 DEG	1204	1204	NIH
10:30	0.50	21	CHANGE OUT ROT HEAD	1204	1204	NIH
11:00	2.50	02	DRLG TO 1335' @ 50.8' /HR	1204	1335	NIH
13:30	0.50	21	BLOW HOLE CLEAN. TIGHT HOLE	1335	1335	NIH
14:00	0.50	02	DRLG TO 1368' @ 66' /HR	1335	1368	NIH
14:30	0.50	07	RIG SERVICE. FUNCTION BOP'S	1368	1368	NIH
15:00	3.50	02	DRLG TO 1463' @ 27' / HR	1368	1463	NIH
18:30	0.50	10	BLOW HOLE CLEAN. RUN SURVEY @ 1463' 2 DEG	1463	1463	NIH
19:00	6.00	02	DRLG TO 1717' @ 42' / HR	1463	1717	NIH
1:00	0.50	10	BLOW HOLE CLEAN & RUN SURVEY @ 1677' 1 1/2 DEG	1717	1717	NIH
1:30	4.50	02	DRLG TO 1940' @ 49.5' / HR	1717	1940	NIH
Total:	24.00					

Daily Summary

Activity Date :	10/20/2003	Days From Spud :	11	Current Depth :	2423 Ft	24 Hr. Footage Made :	483 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	21	BLOW HOLE CLEAN & SURVEY @ 1932' 2DEG	1940	1940	NIH
6:30	7.00	02	DRLG 1940' - 2185' @ 35' / HR	1940	2185	NIH
13:30	0.50	21	BLOW HOLE CLEAN	2185	2185	NIH
14:00	1.50	06	TRIP OUT OF HOLE	2185	2185	NIH
15:30	0.50	07	LUBE RIG. FUNCTION BOPE	2185	2185	NIH
16:00	2.00	21	WAIT ON BIT	2185	2185	NIH
18:00	2.00	06	TRIP IN HOLE W/ BIT #2	2185	2185	NIH
20:00	3.00	06	BLOOW HOLE DOWN, LOST RETURNS, PULL 8 STDS, GOOD RETURNS, TRIP IN W/ 5 STDS, GOOD RETURNS, TRIP IN & BLOW HOLE 70' F/ BOTTOM, & REAM 30' TO BOTTOM	2185	2185	NIH
23:00	4.50	02	DRLG 2185 - 2354' @ 38' / HR	2185	2354	NIH
3:30	0.50	21	BLOW HOLE CLEAN, SURVEY @ 2314' 2 1/4 DEG	2354	2354	NIH
4:00	2.00	02	DRLG 2354 - 2423' @ 35' / HR.	2354	2423	NIH
Total:	24.00					

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/21/2003	Days From Spud :	12	Current Depth :	2621 Ft	24 Hr. Footage Made :	198 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	02	DRLG 2423-2615 @ 35' / HR	2423	2615	NIH
11:30	1.00	21	BLOW HOLE CLEAN	2615	2615	NIH
12:30	1.00	06	TRIP OUT TO 883'	2615	2615	NIH
13:30	0.50	21	REMOVE BLOOIE LINE & INSTALL FLOW LINE	2615	2615	NIH
14:00	2.00	06	TIH & DISPLACE FLUID @ 883', 1945' & 2545'	2615	2615	NIH
16:00	3.50	03	REAM & SPUD BIT F/ 2552-2615' (PUSHING SOMETHING TO BOTTOM)	2615	2615	NIH
19:30	1.00	02	TRY TO DRILLNF/ 2615-2621'	2615	2621	NIH
20:30	1.50	06	TRIP OUT TO INSPECT BIT. (BIT WAS CLEAN & HAD NO JUNK DAMAGE)	2621	2621	NIH
22:00	6.00	21	WAIT ON FISHING TOOLS	2621	2621	NIH
4:00	2.00	06	TRIP IN HOLE W/ FINGER BASKET (SLOW) WILL CUT 2 1/2' CORE W/ FINGER BASKET,TRIP OUT TO INSPECT.	2621	2621	NIH

Total: 24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2615		8.80	0.00	44	12	18	5/11/0	8.0	0.0	2	0.00	2.0%	0.0%	0.0%	25.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	160	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	5.0	0.0	0			MIXED UP 700 BBLS KCL MUD

Daily Summary

Activity Date :	10/22/2003	Days From Spud :	13	Current Depth :	2641 Ft	24 Hr. Footage Made :	20 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	06	TRIP IN HOLE W/ FINGER BASKET	2621	2621	NIH
6:30	1.00	03	WASH & REAM F/ 2561-2577	2561	2577	NIH
7:30	0.50	05	CIRC & PUMP SLUG	2577	2577	NIH
8:00	1.50	06	TOOH, LD FINGER BASKET (FULL OF HAND SIZED ROCKS)	2577	2577	NIH
9:30	1.50	06	TIH W/ MILLED TOOTH BIT	2577	2577	NIH
11:00	2.00	03	WASH & REAM F/ 2561-2621' (BREAK UP ROCKS)	2561	2621	NIH
13:00	1.00	02	DRLG F/ 2621-2641 @ 20' HR.	2621	2641	NIH
14:00	12.50	03	WASH & REAM F/ 2561-2641' (CIRC & COND HOLE)	2561	2641	NIH
2:30	0.50	06	5 STD WIPER TRIP (NO FILL & TRIP TO BOTTOM)	2641	2641	NIH
3:00	2.50	02	DRLG F/ 2641-2660' @ 8' / HR	2641	2641	NIH
5:30	0.50	05	CIRC HOLE CLEAN.SAMPLES LOOK LIKE THEY CAME FROM TUNUNK SHALE. WILL CIRC, MAKE 10 STD WIPER TRIP, TRIP OUT & RUN CSG.	2641	2641	NIH

Total: 24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2615		9.10	9.10	60	18	24	8/15/0	5.2	0.0	2	0.00	3.0%	0.0%	0.0%	0.2%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	40	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	-1.0	0.0	0			MIXED UP 700 BBLS KCL MUD

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/23/2003	Days From Spud :	14	Current Depth :	2660 Ft	24 Hr. Footage Made :	19 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	CIRC & COND HOLE F/ CSG	2660	2660	NIH
6:30	1.00	06	MAKE 10 STD WIPER TRIP	2660	2660	NIH
7:30	2.50	05	CIRC & COND HO;E F/ CSG	2660	2660	NIH
10:00	2.50	06	DROP SURVEY, TOOH, LD 8" DC'S. DEVIATION 1 1/4 @ 2633'	2660	2660	NIH
12:30	4.50	12	RIG UP T & M CASERS & RUN 60 JTS 9 5/8" 40#, 8rd, LT&C K-55 NEW CSG.CSG SET @ 2658' KB. CSG EQUIPPED W/ HALLIBURTON FLOAT SHOE, FLOAT COLLAR, 5 CENTRALIZERS INSTALLED @ MIDDLE OF JT #1, TOP OF JTS #2, #9 & #21.	2660	2660	NIH
17:00	2.00	21	INSTALL SWAGE, & WASH 44' TO TD. CIRC CSG	2660	2660	NIH
19:00	2.00	12	CEMENT CSG W/ 325 SKS TYPE 5 CONTAINING 16% GEL, 1% ECONOLITE EX-1, .007% HR-7, 3#/ SK GRANULITE, .25#/ SK FLOCELE, @ 11.0#/ GAL YIELDING 3.47 CFS, TAIL IN W/ 285 SKS PREM PLUS CONTAINING 10% CAL SEAL, 1% CC, .25#/ SK FLOCELE @ 14.2#/ GAL YIELDING 1.60 CFS. GOOD CIRC THRUOUT JOB. CIRC 45 BBLS CMT TO PIT. BUMPED PLUG TO 1150 PSI @ 2100 HRS. RELEASED PRESS, FLOAT HELD. CEMENTED BY HALLIBURTON.	2660	2660	NIH
21:00	4.00	13	W.O.C.	2660	2660	NIH
1:00	3.50	21	ND BOP'S SET CSG SLIPS W/ FULL WEIGHT OF CSG. CUT OFF CSG	2660	2660	NIH
4:30	1.00	21	SET OUT STACK	2660	2660	NIH
5:30	0.50	21	INSTALL B SECTION. TEST TO 3000 PSI	2660	2660	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2660		9.10	9.10	60	18	24	8/15/0	5.2	0.0	2	0.00	3.0%	0.0%	0.0%	0.2%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	40	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	-1.0	0.0	0			MIXED UP 700 BBLS KCL MUD

Daily Summary

Activity Date :	10/24/2003	Days From Spud :	15	Current Depth :	2945 Ft	24 Hr. Footage Made :	285 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :	Dakota			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	14	NU BOPE	2660	2660	NIH
10:00	3.00	15	PRESSURE TEST BOP'S & MANIFOLD TO 3000 PSI, HYDRIL & CSG TO 1500 PSI	2660	2660	NIH
13:00	1.00	21	INSTALL WEAR RING & HOOK UP FLOWLINE	2660	2660	NIH
14:00	1.50	06	TRIP IN HOLE	2660	2660	NIH
15:30	2.50	06	LAY DOWN 4" YELLOW BAND DRILL PIPE	2660	2660	NIH
18:00	3.00	06	PICK UP NEW DRILL PIPE (TAG CEMENT @ 2606')	2660	2660	NIH
21:00	1.00	02	DRLG CMT, FLOAT SHOE, & 5' HOLE, LEAK OFF TEST TO 10.5 EMW	2660	2660	NIH
22:00	8.00	02	DRILIING F/ 2660' - 2945' @ 36' / HR	2660	2945	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
2897		9.00	9.00	38	7	15	2/6/0	6.8	0.0	2	0.00	3.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			MIXED UP 700 BBLS KCL MUD

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/25/2003	Days From Spud :	16	Current Depth :	3373 Ft	24 Hr. Footage Made :	428 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :	Morrison			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.50	02	DRLG F/ 2945' - 3183' @ 36' / HR	2945	3183	NIH
12:30	0.50	07	RIG SERVICE & FUNCTION BOP'S	3183	3183	NIH
13:00	0.50	05	CIRC & SURVEY @ 3143'. 1 3/4 DEGREE	3183	3183	NIH
13:30	8.00	02	DRLG F/ 3183' - 3373'. @ 24' / HR	3183	3373	NIH
21:30	2.50	08	WORK ON SWIVEL (CIRC HOLE)	3373	3373	NIH
0:00	1.00	06	TRIP OUT TO CSG	3373	3373	NIH
1:00	5.00	08	WAIT ON REPLACEMENT SWIVEL	3373	3373	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3278		9.00	9.00	41	10	18	4/7/0	5.6	0.0	2	0.00	3.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			

Daily Summary

Activity Date :	10/26/2003	Days From Spud :	17	Current Depth :	3580 Ft	24 Hr. Footage Made :	207 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :	Morrison			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00		MORRISON TOP 3230'	3580	3580	NIH
6:00	15.00	08	WAIT ON SWIVEL, MU SWIVEL, TIH	3373	3373	NIH
21:00	9.00	02	DRLG F/ 3373' - 3580' @ 21' / HR ACTUAL DRLG TIME WAS 10 HRS DUE TO TIME CHANGE	3373	3580	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3373	9:00	9.20	9.20	42	11	16	4/9/0	6.4	0.0	2	0.00	4.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/27/2003	Days From Spud :	18	Current Depth :	3986 Ft	24 Hr. Footage Made :	406 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	DRLG F/ 3580' - 3689' @ 24.2' / HR	3580	3689	NIH
10:30	0.50	10	CIRC & SURVEY @ 3619' (MISRUN)	3689	3689	NIH
11:00	1.00	02	DRLG F/ 3689' - 3720' @ 31' / HR	3689	3720	NIH
12:00	0.50	10	CIRC & SURVEY @ 3650'. 4 1/2 DEG	3720	3720	NIH
12:30	3.50	02	DRLG F/ 3720' - 3784' @ 19' / HR	3720	3784	NIH
16:00	0.50	07	RIG SERVICE & FUNCTION BOP'S	3784	3784	NIH
16:30	9.50	02	DRLG F/ 3784' - 3941' @ 20.3' / HR	3784	3941	NIH
2:00	0.50	10	CIRC & SURVEY @ 3901'. 4 1/2 DEG	3941	3941	NIH
2:30	3.50	02	DRLG F/ 3941' - 3986' @ 13' / HR	3941	3986	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
3807		9.10	9.10	41	10	14	5/11/0	4.8	0.0	2	0.00	5.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			

Daily Summary

Activity Date :	10/28/2003	Days From Spud :	19	Current Depth :	4316 Ft	24 Hr. Footage Made :	330 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :	Curtis			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	DRLG F/ 3986-4224 @ 22' / HR	3986	4224	NIH
17:00	0.50	05	CIRC & SURVEY @ 4154' 5 DEG	4224	4224	NIH
17:30	0.50	07	RIG SERVICE & FUNCTION BOP'S	4224	4224	NIH
18:00	5.50	02	DRLG F/ 4224- 4306' @ 15' / HR CURTIS SAND TOP @ 4230	4224	4306	NIH
23:30	0.50	05	MIX & PUMP SLUG. DROP SURVEY	4306	4306	NIH
0:00	1.50	06	TRIP OUT OF HOLE	4306	4306	NIH
1:30	0.50	21	FUNCTION BLIND RAMS & CHANGE OUT BIT	4306	4306	NIH
2:00	1.50	06	TRIP IN W/ BIT # 5	4306	4306	NIH
3:30	1.50	03	REAMING F/ 4216-4306'. 60' OF OUT OF GUAGE HOLE	4306	4306	NIH
5:00	1.00	02	DRLG F/ 4306-4316' @ 10' / HR	4306	4316	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4098		9.10	9.10	43	12	17	6/14/0	5.4	0.0	2	0.00	5.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/29/2003	Days From Spud :	20	Current Depth :	4705 Ft	24 Hr. Footage Made :	389 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :	ENTRADA			Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.50	02	DRILLING F/ 4316- 4504' @ 19.8' / HR TOP OF ENTRADA @ 4408'.	4316	4504	NIH
15:30	0.50	07	RIG SERVICE & FUNCTION BOP'S	4504	4504	NIH
16:00	2.00	02	DRLG F/ 4504 - 4535' @\15.5' /HR	4504	4535	NIH
18:00	0.50	10	CIRC & SURVEY @ 4475'. 5 DEG	4475	4475	NIH
18:30	11.00	02	DRLG F/ 4535 - 4705 @ 15.5' / HR LOST 150 BBLS MUD @ 4585'	4535	4705	NIH
5:30	0.50	05	MIX & PUMP LCM PILL. (LOST FULL RETURNS)	4705	4705	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4535		9.20	9.20	40	11	15	5/9/0	7.2	0.0	2	0.00	6.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			KCL 2.50%. MIXING LCM PILL @ REPORT TIME. LOST CIRC @ 4705'.

Daily Summary

Activity Date :	10/30/2003	Days From Spud :	21	Current Depth :	4844 Ft	24 Hr. Footage Made :	139 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	PUMP LCM PILL. (GOT FULL RETURNS W/ 70 BBLS PUMPED)	4705	4705	NIH
6:30	7.50	05	CIRC & WORK STUCK PIPE	4705	4705	NIH
14:00	3.00	21	RU AIR JAMMERS.AIREATE MUD, FREE STUCK PIPE	4705	4705	NIH
17:00	1.00	05	CIRC & COND MUD & HOLE	4705	4705	NIH
18:00	12.00	02	DRLG F/ 4705-4844 @ 11.6' / HR. FORM TOP. ARAPIEN @ 4746'. LOST TOTAL OF 225 BBLS MUD.	4705	4844	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4844		9.10	9.10	45	16	22	8/13/0	6.4	0.0	2	0.00	6.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			2.50 % KCL

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Daily Summary

Activity Date :	10/31/2003	Days From Spud :	22	Current Depth :	5082 Ft	24 Hr. Footage Made :	238 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	02	DRLG F/ 4844-4971' @ 14.1' / HR	4844	4971	NIH
15:00	0.50	07	RIG SERVICE & FUNCTION BOP'S	4971	4971	NIH
15:30	10.50	02	DRLG F / 4971-5082' @ 11.5' / HR	4971	5082	NIH
2:00	0.50	05	MIX & PUMP SLUG. DROP SURVEY	5082	5082	NIH
2:30	3.00	06	TRIP OUT OF HOLE	5082	5082	NIH
5:30	0.50	06	CHANGE OUT MTR & BIT. SURVEY 7 DEG (INSTRUMENT GOOD FOR ONLY 7 DEG). 7" CSG DELIVERED,CLEANED, DRIFTED ,& TALLIED. TOTAL MUD LOST 225 BBLS	5082	5082	NIH

Total:	24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5092		9.20	9.20	44	14	21	6/11/0	7.8	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			1.75% KCL. SAND .OO025%. LOST TOTAL OF 225 BBLS MUD TOTAL FOR WELL.

Daily Summary

Activity Date :	11/1/2003	Days From Spud :	23	Current Depth :	5300 Ft	24 Hr. Footage Made :	218 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	06	FUNCTION BOP'S & RIG LUBE	5082	5082	NIH
6:30	2.00	06	TRIP IN TO 2500' & FILL PIPE	5082	5082	NIH
8:30	1.00	09	SLIP & CUT DRILLING LINE	5082	5082	NIH
9:30	1.50	06	TRIP IN HOLE	5082	5082	NIH
11:00	2.50	03	REAMING F/ 4868-5082' (OUT OF GUAGE HOLE)	5082	5082	NIH
13:30	3.50	02	DRLG F/ 5082-5127' @ 10' / HR	5082	5127	NIH
17:00	0.50	07	RIG SERVICE	5127	5127	NIH
17:30	2.50	02	DRLG F/ 5127-5158' @ 12.4' / HR	5127	5158	NIH
20:00	0.50	10	SURVEY @ 5098' 6.5 DEG	5158	5158	NIH
20:30	9.50	02	DRLG F/ 5158-5300' @ 14.95' / HR. CARMEL FORM @ 5210'	5158	5300	NIH

Total:	24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5127		9.40	9.40	42	12	23	5/12/0	6.6	0.0	2	0.00	6.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	11.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	9.0	0.0	0			3.00% KCL. .00125 % SAND

Well Name:WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	11/2/2003	Days From Spud :	24	Current Depth :	5578 Ft	24 Hr. Footage Made :	278 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.00	02	DRLG F/ 5300 - 5377' @ 11' / HR	5300	5377	NIH
13:00	0.50	07	RIG SERVICE & FUNCTION BOP'S.	5377	5377	NIH
13:30	16.50	02	DRLG F/ 5377 - 5578' @ 12.2' / HR. ATTEMPTING TO BRING MUD WT DOWN. CONNECTIONS ARE PULLING 30K OVER. DRLG A LOT OF ANHYDRITE (POOR PENT RATE) NAVAJO WAS SUPPOSED TO COME IN @ 5410' BUT DID NOT DRILL ANY SANDS.	5377	5578	NIH

Total: 24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5362		9.70	9.70	41	10	19	4/11/0	8.4	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	8.0	0.0	0			4.25% KCL. .0025 % SAND

Daily Summary

Activity Date :	11/3/2003	Days From Spud :	25	Current Depth :	6036 Ft	24 Hr. Footage Made :	458 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	8.00	02	DRLG F / 5578-5692 @ 14.3' /HR. TOP OF NAVAJO @ 5666'	5578	5692	NIH
14:00	0.50	07	RIG SERVICE & FUNCTION BOP'S.	5692	5692	NIH
14:30	15.50	02	DRLG F/ 5692-6036' @ 22.2' / HR. REVISED EST TOPS KAYENTA 6070', WINGATE 6110', EST TD 6360'.	5692	6036	NIH

Total: 24.00

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
5780		9.60	9.60	40	11	21	5/12/0	6.0	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	9.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	5.0	0.0	0			3.0 % KCL. .0025 SAND. TOTAL MUD LOSS FOR WELL 225 BBLS.

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Daily Summary

Activity Date :	11/4/2003	Days From Spud :	26	Current Depth :	6360 Ft	24 Hr. Footage Made :	324 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	22.50	02	DRLG F/ 6036 - 6360' @ 14.4' / HR. (FUNCTION BOP'S.) KAYENTA TOP @ 6052'. WINGATE TOP @ 6110'.	6036	6360	NIH
4:30	1.50	05	CIRC & COND MUD & HOLE FOR LOGS. WILL MAKE WIPER TRIP TO 4400'. CIRC & COND. TRIP OUT F/ LOGS. SHOULD START LOGGING @ 1300 HRS. TOTAL MUD LOSS FOR WELL 225BBLS	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6171	14:00	9.60	9.60	40	10	18	4/9/0	5.4	0.0	2	0.00	8.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	8.0	0.0	0			3.0 % KCL. .00125 SAND. TOTAL MUD LOSS FOR WELL 225 BBLS.

Daily Summary

Activity Date :	11/5/2003	Days From Spud :	27	Current Depth :	6360 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	Circ & cond mud f/logs	6360	6360	NIH
6:30	2.00	06	Wiper trip to 4300'	6360	6360	NIH
8:30	2.50	05	Circ & cond mud f/logs	6360	6360	NIH
11:00	4.00	10	Drop survey, trip out, (SLM), lay down shock sub & mtr	6360	6360	NIH
15:00	0.50	07	Rig lube & function BOP's	6360	6360	NIH
15:30	5.00	21	Log hole with Phoenix surveys Inc	6360	6360	NIH
20:30	3.00	06	Trip in	6360	6360	NIH
23:30	0.50	21	Wash f/6320-6360	6360	6360	NIH
0:00	1.00	05	Circ & cond hole (lost full returns)	6360	6360	NIH
1:00	1.00	21	Pull out of hole to @ 4300'	6360	6360	NIH
2:00	1.00	21	Pump & try to get circ back (lost @ 492 bbls)	6360	6360	NIH
3:00	2.50	21	Wait on LCM material	6360	6360	NIH
5:30	0.50	21	Mix LCM pill	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6360	9:00	9.90	9.90	53	16	29	10/18/0	4.8	0.0	2	0.00	9.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	10.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0

Water Loss	LCM	ECD	FL Temp			Remarks
0	8.0	0.0	0			3.50 % KCL. .0025% SAND. DAILY MUD LOSS 492 BBLS. TOTAL MUD LOSS 717 BBLS.

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	11/6/2003	Days From Spud :	28	Current Depth :	6360 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	05	MIX & PUMP 200 BBLS MUD. (NO RETURNS)	6360	6360	NIH
7:00	4.50	06	TRIP OUT TO 3100', GOT RETURNS @ 100 BBLS INTO DISPLACEMENT, STAGE IN HOLE. CIRC EVERY 17 STDS.	6360	6360	NIH
11:30	0.50	03	WASH & REAM 80' TO BOTTOM.	6360	6360	NIH
12:00	2.50	05	CIRC & CONDITION HOLE F/ CSG.	6360	6360	NIH
14:30	5.00	06	LAY DOWN 4" DRILL STRING. SURVEY WAS MISSRUN-BAD CLOCK	6360	6360	NIH
19:30	0.50	21	PULL WEAR BUSHING & FUNCTION BOP'S	6360	6360	NIH
20:00	4.50	12	RU T & M CASERS & RUN 47 JTS 7" CSG. (FILL PIPE)	6360	6360	NIH
0:30	1.00	21	ATTEMPT TO CIRC @ 2072'	6360	6360	NIH
1:30	4.50	06	LAY DOWN 7" CSG. (PLUGGED FLOAT COLLAR)	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6360	9:00	9.30	9.30	42	11	19	7/12/0	9.6	0.0	2	0.00	8.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	8.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		375

Water Loss	LCM	ECD	FL Temp			Remarks
0	10.0	0.0	0			3.25% KCL, .0025% SAND, DAILY MUD LOSS 375 BBLS. TOTAL MUD LOSS 1092 BBLS.

Daily Summary

Activity Date :	11/7/2003	Days From Spud :	29	Current Depth :	6360 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	LAY DOWN 7" CSG	6360	6360	NIH
7:00	4.50	21	BREAK OUT FLOAT COLLAR & SHOE. WAIT ON WELDER	6360	6360	NIH
11:30	0.50	21	WAIT ON FLOAT EQUIPMENT	6360	6360	NIH
12:00	0.50	07	FUNCTION BOP'S & RIG SERVICE	6360	6360	NIH
12:30	3.00	21	WAIT ON FLOAT EQUIPMENT	6360	6360	NIH
15:30	6.50	12	MAKE UP FLOAT EQUIP & RUN 145 JTS 7" CSG. (CIRC @ 1400', 3177', & 4814'.)	6360	6360	NIH
22:00	2.00	12	WASH 80' TO BOTTOM.	6360	6360	NIH
0:00	1.00	05	CIRC CSG	6360	6360	NIH
1:00	2.00	12	RU HALLIBURTON & CEMENT 1st STAGE. GOOD CIRC THRU OUT JOB, BUMPEED PLUG @ 0300 HRS, FLOAT HELD.	6360	6360	NIH
3:00	0.50	21	DROP OPENING BOMB; OPEN DV TOOL, & CIRC OUT. CIRC TRACE CMT TO PIT.	6360	6360	NIH
3:30	2.50	05	CIRC CSG & WOC.	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6360	9:00	9.20	9.20	43	10	16	3/7/0	10.4	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	8.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		375

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			3.25% KCL. SAND- TRACE. LCM- TRACE. TOTAL MUD LOSS 1092 BBLS.

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	U-UTAH CARBON COUN

Daily Summary

Activity Date :	11/8/2003	Days From Spud :	30	Current Depth :	6360 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	05	CIRC F/ #2 STAGE CEMENT JOB	6360	6360	NIH
9:30	2.00	12	RU HALLIBURTON & CEMENT 2nd STAGE	6360	6360	NIH
11:30	1.00	21	ND BOP'S	6360	6360	NIH
12:30	2.00	21	SET CSG SLIPS. CUT OFF CSG (ROUGH CUT) & CAP WELL	6360	6360	NIH
14:30	3.50	01	CLEAN MUD TANKS. RD RENTAL EQUIP & LOAD OUT SAME.	6360	6360	NIH
18:00	12.00	01	RIG DOWN KEY # 978. RIG RELEASED @ 1800 HRS 11-07-03.	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6360	9:00	9.20	9.20	43	10	16	3/7/0	10.4	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	8.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		375

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			3.25% KCL. SAND- TRACE. LCM- TRACE. TOTAL MUD LOSS 1092 BBLS.

Daily Summary

Activity Date :	11/9/2003	Days From Spud :	31	Current Depth :	6360 Ft	24 Hr. Footage Made :	0 Ft
Rig Company :	Key Energy Services - Rocky Mountains			Rig Name:	Key		
Formation :				Weather:			

Operations

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	01	MOVING KEY RIG # 978 OFF DRILLING PAD.PREP PAD FOR CMPLETION RIG	6360	6360	NIH
Total:	24.00					

Mud Properties

Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
6360	9:00	9.20	9.20	43	10	16	3/7/0	10.4	0.0	2	0.00	7.0%	0.0%	0.0%	0.0%

MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss
0.0	8.50	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		375

Water Loss	LCM	ECD	FL Temp			Remarks
0	0.0	0.0	0			3.25% KCL. SAND- TRACE. LCM- TRACE. TOTAL MUD LOSS 1092 BBLS.

Well Name: WELLINGTON FEDERAL 44-06 SWD

Field Name:	HELPER	S/T/R:	6/14S/11E	County,State:	CARBON, UT
Operator:	RT OIL AND GAS COMPA	Location Desc:	Proceed in an easterly, then	District:	3U-UTAH CARBON COUN

Formation

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

Casing

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
10/8/2003	40	1	1. Conductor	20	60	F-25*		24	40
Stage: 1, Lead, 0, 135, 6 BAG REDI-MIX, Redi-mix, 0, 0									
10/12/2003	445.65	10	3. Surface	13.375	48	J-55	0	17.5	450
Stage: 1, Lead, 0, 475, TYPE 5 W/ 2% CC, .025#/SK FLOCELE, Class G, 1.18, 15.6									
10/23/2003	2658	60	4. Intermediate	9.625	40	J-55	0	12.25	2660
Stage: 1, Lead, 0, 325, 16% GEL, 1% EX-1, .7% HR-7, 3% SALT(bwow),.25#/SK FLOCELE,3#/ GRANULITE, 5#/ SK GILSONITE,, HIFL, 3.86, 11									
Stage: 1, Tail, 0, 285, 10% CALSEAL, 1% CC, .25#/ SK FLOOCELE, PREM PLUS, 1.6, 14.2									
11/6/2003	6358.54	145	5. Production	7	26	N-80	0	8.75	6360
Stage: 1, Spacer, 20, 0, WATER, , 0, 0									
Stage: 1, Wash, 20, 0, SUPER FLUSH, , 0, 0									
Stage: 1, Spacer, 20, 0, WATER, , 0, 0									
Stage: 1, Lead, 0, 100, 50/50 POZMIX, 8% GEL, 8% CAL-SEAL, .25#/ SK FLOCELE, Pozmix, 1.94, 12.5									
Stage: 1, Tail, 0, 260, 50/50 POZMIX, 2% GEL,.25#/SK FLOCELE, .4% HALAD-344, Pozmix, 1.18, 14.3									
Stage: 1, Displacement, 265, 0, MUD, , 0, 0									
Stage: 2, Wash, 20, 0, WATER, , 0, 0									
Stage: 2, Lead, 0, 275, 50/50 POZMIX 8% GEL, 8% CALSEAL, .25#/ SK FLOCELE, Pozmix, 1.94, 12.5									
Stage: 2, Tail, 0, 125, PREM-AG 300, Class G, 1.16, 15.8									
Stage: 2, Displacement, 165, 0, WATER, , 0, 0									

WESTPORT OIL AND GAS COMPANY, L.P.
1695 S. HIGHWAY 10
PRICE, UT 84501

FAX TRANSMITTAL SHEET

DATE: November 14, 2003

TO: Gilbert Hunt
Utah Division of Oil Gas & Mining

TELEPHONE No: 801-538-5297
FAX NO: 801-359-3940

FROM: BILL McKNAB
1695 S. Highway 10
Price, UT 84501

TELEPHONE NO: 435-613-0752
CELL NO: 303-550-1274
FAX NO: 435-613-0753
Email: BillMcKnab@aol.com

NO OF PAGES SENT: 3 (including cover sheet)

offset Helper Field CBP Production water analyses

Dear Mr. Hunt,

Enclosed are produced water analyses for two wells as listed below:

Anadarko Goodall #A-1	direct offset to	Wellington Federal #22-6
Anadarko Helper Federal G-8	direct offset to	Wellington Federal #32-6 & North Bench State 23-32

Since Westport has no well producing at this time discussions with Brad Hill and Chris Kierst indicated this approach was acceptable.

The water analyses have been taken from the Wellington Federal #44-6 SWD and will be submitted as soon as the results are available.

Please contact me if there are any questions or problems.

Bill McKnab
Project Manager

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COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908℠

SGS Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

November 14, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample reported to us: Water

Sample taken at:

Sample taken by: Bill McKnab

Date sampled: November 11, 2003

Date received: November 11, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Anadarko Petroleum Corp.
Helper Federal G-8 Sec. 31 T13S R11E
RECEIVED 1630
SAMPLED 1328

Resistivity - 259.74 Ohm*cm
Specific Gravity - 1.02

Analysis report no. 59-25923

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	5998	5	mg/l as HCO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Total	4916	5	mg/l as $CaCO_3$	EPA 310.1	11-13 2003 0815 JJ
Calcium, Total	124.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Chloride	384	1	mg/l	EPA 300.0	11-13-2003 1151 DI
Conductivity	38500	----	umhos/cm	SM2510-B	11-13-2003 0705 JJ
Iron, Total	30.600	0.020	mg/l	EPA 200.7	11-14-2003 1016 DI
Magnesium, Total	84.100	0.02	mg/l	EPA 200.7	10-14-2003 1016 DI
pH	7.36	----	pH units	EPA 150.1	11-12-2003 0930 DI
Sodium, Total	8800.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Solids, Total Dissolved	24753	30	mg/l	EPA 160.1	11-13-2003 0800 DI
Sulfate	<1	1	mg/l	EPA 300.0	11-13-2003 1151 BLP

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DIV. OF OIL, GAS & MINING

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

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SGS Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

November 14, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DENVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Sample identification by
Westport Oil And Gas Comp.

ID:Anadarko Petroleum Corp.
Goodall A-1 Sec.6 T14S R11E
RECEIVED 1630
SAMPLED 1315

Kind of sample reported to us Water

Sample taken at

Sample taken by Bill McKnab

Date sampled November 11, 2003

Date received November 11, 2003

Resistivity - 364.96 Ohm*cm
Specific Gravity - 1.02

Analysis report no. 59-25922

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	7515	5	mg/l as HCO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Total	6160	5	mg/l as $CaCO_3$	EPA 310.1	11-13-2003 0815 JJ
Calcium, Total	67,600	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Chloride	719	1	mg/l	EPA 300.0	11-13-2003 1151 BLP
Conductivity	27400	----	umhos/cm	SM2510-B	11-13-2003 0705 JJ
Iron, Total	3.370	0.020	mg/l	EPA 200.7	11-14-2003 1016 DI
Magnesium, Total	46.200	0.02	mg/l	EPA 200.7	11-14-2003 1016 DI
pH	7.69	----	pH units	EPA 150.1	11-12-2003 0930 DI
Sodium, Total	6150.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Solids, Total Dissolved	17862	30	mg/l	EPA 160.1	11-13-2003 0800 DI
Sulfate	<1	1	mg/l	EPA 300.0	11-13-2003 1151 BLP

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Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

WESTPORT OIL AND GAS COMPANY, L.P.
1695 S. HIGHWAY 10
PRICE, UT 84501

FAX TRANSMITTAL SHEET

DATE: November 18, 2003

TO: Chris Kierst
Utah Division of Oil Gas & Mining

TELEPHONE No: 801-538-5337
FAX NO: 801-359-3940

FROM: BILL McKNAB
1695 S. Highway 10
Price, UT 84501

TELEPHONE NO: 435-613-0752
CELL NO: 303-550-1274
FAX NO: 435-613-0753
Email: BillMcKnab@aol.com

NO OF PAGES SENT: 10 (including cover sheet)

Dear Chris,

This is a typo 11/19/03

Enclosed are the following:

1. Champion Technologies water analyses for
   a. Anadarko Goodall A-1.
   b. Anadarko Helper Federal G-1, 8
   c. Westport Wellington Federal 44-6 Navajo Formation.
   d. Westport Wellington Federal 44-6 Wingate Formation.
   e. Compatibility tests of the waters (2 pages).
2. MIT test.
3. Step Rate Test Data.

Note that the Champion lab is not an EPA approved lab but analyses from Commercial Testing and Engineering Co. lab will be submitted tomorrow.

Please contact me if there are any questions or problems.

Bill McKnab
Project Manager

RECEIVED
NOV 18 2003
DIV. OF OIL, GAS & MINING

Water Analysis Report

Customer : Anadarko Petroleum Corporation

Address :
City : Price
State : UT **Postal Code :**
Attention : Jim Hartley
cc1 : Mark Beiriger
cc2 : Neil Labbe

Comments : Ba Sr ran by ICP.

Date Sampled : 10-Apr-03
Date Reported : 05-May-03
Date Received : 11-Apr-03
Field : Helper Field
Lease : Helper Federal
Location : Goodall A-1
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	160	mg/l
Magnesium :	44	mg/l
Barium :	92	
Strontium :	35	mg/l
Iron :	15.0	mg/l
Sodium :	8803	mg/l

ANIONS

Chloride :	10,360	mg/l
Carbonate :	0	mg/l
Bicarbonate :	6,100	mg/l
Sulfate :	213	mg/l mg/l mg/l

pH (field) :	7.50	
Temperature :	85	degrees F
Ionic Strength :	0.40	
Resistivity :		ohm/meters
Ammonia :		ppm

Specific Gravity :	1.020	grams/ml
Total Dissolved Solids :	25,822	ppm
CO2 in Water :	167	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :	0.0	mg/l
Dissolved Oxygen :		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.83	Calcite PTB :	117.5
Calcite (CaCO3) SI @ 100 F :	0.99	Calcite PTB @ 100 F :	124.6
Calcite (CaCO3) SI @ 120 F :	1.20	Calcite PTB @ 120 F :	130.3
Calcite (CaCO3) SI @ 140 F :	1.42	Calcite PTB @ 140 F :	134.2
Calcite (CaCO3) SI @ 160 F :	1.64	Calcite PTB @ 160 F :	136.4
Calcite (CaCO3) SI @ 180 F :	1.87	Calcite PTB @ 180 F :	137.9
Calcite (CaCO3) SI @ 200 F :	2.11	Calcite PTB @ 200 F :	138.7
Gypsum (CaSO4) SI :	-2.12	Gypsum PTB :	N/A
Barite (BaSO4) SI :	2.43	Barite PTB :	53.6
Celestite (SrSO4) SI :	-0.79	Celestite PTB :	N/A

Confidential
Champion Technologies, Inc.
Vernal District Technical Services

Water Analysis Report

Customer : Anadarko Petroleum Corporation

Address :
City : Price
State : UT **Postal Code :**
Attention : Jim Hartley
cc1 : Mark Beiriger
cc2 : Neil Labbe

Comments :

Date Sampled : 08-Aug-03
Date Reported : 02-Sep-03
Date Received : 18-Aug-03
Field : Helper Field
Lease : Helper Federal
Location : Helper Federal G-8
Sample Point : separator

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	344	mg/l
Magnesium :	253	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	75.0	mg/l
Sodium :	10159	mg/l

ANIONS

Chloride :	13,400	mg/l
Carbonate :	0	mg/l
Bicarbonate :	5,978	mg/l
Sulfate :	188	mg/l mg/l mg/l

pH (field) :	7.35	
Temperature :	85	degrees F
Ionic Strength :	0.48	
Resistivity :		ohm/meters
Ammonia :		ppm

Specific Gravity :	1.020	grams/ml
Total Dissolved Solids :	30,397	ppm
CO2 in Water :	185	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :	0.0	mg/l
Dissolved Oxygen :		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	1.01	Calcite PTB :	266.1
Calcite (CaCO3) SI @ 100 F :	1.16	Calcite PTB @ 100 F :	276.1
Calcite (CaCO3) SI @ 120 F :	1.37	Calcite PTB @ 120 F :	285.5
Calcite (CaCO3) SI @ 140 F :	1.59	Calcite PTB @ 140 F :	291.5
Calcite (CaCO3) SI @ 160 F :	1.81	Calcite PTB @ 160 F :	295.2
Calcite (CaCO3) SI @ 180 F :	2.05	Calcite PTB @ 180 F :	297.6
Calcite (CaCO3) SI @ 200 F :	2.29	Calcite PTB @ 200 F :	299.0
Gypsum (CaSO4) SI :	-1.92	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

Confidential
Champion Technologies, Inc.
Vernal District Technical Services

Water Analysis Report

Customer : Westport Oil & Gas

Address :
City :
State : UT **Postal Code :**
Attention :
cc1 :
cc2 :

Comments : Navajo Formation

Date Sampled : 14-Nov-03
Date Reported : 17-Nov-03
Date Received : 17-Nov-03
Field : Helper
Lease : Federal 44-6D
Location : 44-6D
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	4,640	mg/l
Magnesium :	486	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	526.0	mg/l
Sodium :	28591	mg/l

ANIONS

Chloride :	47,000	mg/l
Carbonate :	0	mg/l
Bicarbonate :	4,648	mg/l
Sulfate :	5,435	mg/l mg/l mg/l

pH (field) :	6.97	
Temperature :	85	degrees F
Ionic Strength :	1.52	
Resistivity :		ohm/meters
Ammonia :		ppm

Specific Gravity :	1.065	grams/ml
Total Dissolved Solids :	91,326	ppm
CO2 in Water :	686	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :		mg/l
Dissolved Oxygen :		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.93	Calcite PTB :	1513.6
Calcite (CaCO3) SI @ 100 F :	1.08	Calcite PTB @ 100 F :	1664.1
Calcite (CaCO3) SI @ 120 F :	1.29	Calcite PTB @ 120 F :	1846.4
Calcite (CaCO3) SI @ 140 F :	1.51	Calcite PTB @ 140 F :	2008.9
Calcite (CaCO3) SI @ 160 F :	1.74	Calcite PTB @ 160 F :	2147.5
Calcite (CaCO3) SI @ 180 F :	1.97	Calcite PTB @ 180 F :	2254.5
Calcite (CaCO3) SI @ 200 F :	2.21	Calcite PTB @ 200 F :	2345.6
Gypsum (CaSO4) SI :	0.33	Gypsum PTB :	1256.4
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

Confidential
Champion Technologies, Inc.
Vernal District Technical Services

Water Analysis Report

Customer : Westport Oil & Gas

Address :
City :
State : UT **Postal Code :**
Attention :
cc1 :
cc2 :

Comments : Windgate Formation

Date Sampled : 14-Nov-03
Date Reported : 17-Nov-03
Date Received : 17-Nov-03
Field : Helper
Lease : Federal 44-6D
Location : 44-6D
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	2,840	mg/l
Magnesium :	875	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	170.0	mg/l
Sodium :	45138	mg/l

ANIONS

Chloride :	72,000	mg/l
Carbonate :	0	mg/l
Bicarbonate :	3,660	mg/l
Sulfate :	4,135	mg/l

mg/l mg/l

pH (field) :	6.89	
Temperature :	85	degrees F
Ionic Strength :	2.18	
Resistivity :		ohm/meters
Ammonia :		ppm

Specific Gravity :	1.100	grams/ml
Total Dissolved Solids :	128,818	ppm
CO2 in Water :	440	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :		mg/l
Dissolved Oxygen :		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.77	Calcite PTB :	989.5
Calcite (CaCO3) SI @ 100 F :	0.93	Calcite PTB @ 100 F :	1125.3
Calcite (CaCO3) SI @ 120 F :	1.14	Calcite PTB @ 120 F :	1290.2
Calcite (CaCO3) SI @ 140 F :	1.36	Calcite PTB @ 140 F :	1426.0
Calcite (CaCO3) SI @ 160 F :	1.58	Calcite PTB @ 160 F :	1547.3
Calcite (CaCO3) SI @ 180 F :	1.81	Calcite PTB @ 180 F :	1649.1
Calcite (CaCO3) SI @ 200 F :	2.05	Calcite PTB @ 200 F :	1738.8
Gypsum (CaSO4) SI :	-0.03	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

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Champion Technologies, Inc.
Vernal District Technical Services

Saturation Index Calculations

Champion Technologies, Inc.

(Based on the Tomson-Oddo Model)

11/18/2003

Westport Oil & GAS L.P.

Utah Helper Field

		Sample Date	Comments
Brine No. 1:	Fed 44-6D Navajo Formation	November 14, 2003	
Brine No. 2:	Fed 44-6d	November 14, 2003	
Brine No. 3:	Tail Gas Open Drain		
Brine No. 4:	Process Open Drain		

Component	Brines				Mixing Ratio as %									
	Brine 1	Brine 2	Brine 3	Brine 4	10.0 / 90.0 / 0.0 / 0.0	20.0 / 80.0 / 0.0 / 0.0	30.0 / 70.0 / 0.0 / 0.0	40.0 / 60.0 / 0.0 / 0.0	50.0 / 50.0 / 0.0 / 0.0	60.0 / 40.0 / 0.0 / 0.0	70.0 / 30.0 / 0.0 / 0.0	80.0 / 20.0 / 0.0 / 0.0	90.0 / 10.0 / 0.0 / 0.0	0.0 / 0.0 / 0.0 / 0.0
Calcium; mg/liter	4,640	2,840	0	0	3,020	3,200	3,380	3,560	3,740	3,920	4,100	4,280	4,460	#DIV/0!
Magnesium; mg/liter	486	875	0	0	836	797	758	719	681	642	603	564	525	#DIV/0!
Barium; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Strontium; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Carbonate; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Bicarbonate; mg/liter	4,648	3,660	0	0	3,759	3,858	3,956	4,055	4,154	4,253	4,352	4,450	4,549	#DIV/0!
Sulfate; mg/liter	5,435	4,135	0	0	4,265	4,395	4,525	4,655	4,785	4,915	5,045	5,175	5,305	#DIV/0!
Chloride; mg/liter	47,000	72,000	0	0	69,500	67,000	64,500	62,000	59,500	57,000	54,500	52,000	49,500	#DIV/0!
Measured pH	6.97	6.89	0.00	0.00	6.90	6.91	6.91	6.92	6.93	6.94	6.95	6.95	6.96	#DIV/0!
Ionic Strength	1.71	2.33	0	0	2.27	2.21	2.14	2.08	2.02	1.96	1.90	1.83	1.77	#DIV/0!
Temperature (°F)	85	85	0	0	85	85	85	85	85	85	85	85	85	#DIV/0!
Pressure (psia)	100	100	0	0	100	100	100	100	100	100	100	100	100	#DIV/0!
Saturation Index														
Calcite	1.24	0.81	N/A	N/A	0.86	0.90	0.95	0.99	1.03	1.08	1.12	1.16	1.20	#VALUE!
Gypsum	0.31	-0.04	N/A	N/A	0.00	0.04	0.08	0.12	0.15	0.19	0.22	0.25	0.28	#VALUE!
Hemihydrate	0.30	-0.07	N/A	N/A	-0.03	0.01	0.05	0.09	0.12	0.16	0.20	0.23	0.26	#VALUE!
Anhydrite	0.17	-0.12	N/A	N/A	-0.09	-0.05	-0.02	0.01	0.04	0.06	0.09	0.12	0.14	#VALUE!
Barite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
P(Pounds Per) T(Thousand) B(Barrels)														
Calcite	1806.8	1023.4	N/A	N/A	1103.8	1180.5	1270.0	1337.6	1418.0	1499.6	1582.5	1652.0	1729.1	#VALUE!
Gypsum	1210.4	N/A	N/A	N/A	N/A	160.7	288.4	464.1	560.9	727.4	854.7	962.9	1097.0	#VALUE!
Hemihydrate	1000.6	N/A	N/A	N/A	N/A	33.9	173.7	284.6	400.2	520.4	663.8	773.2	885.9	#VALUE!
Anhydrite	563.1	N/A	N/A	N/A	N/A	N/A	N/A	33.4	136.5	209.2	284.6	398.9	479.9	#VALUE!
Barite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!

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Saturation Index Calculations

Champion Technologies, Inc.

(Based on the Tomson-Oddo Model)

11/18/2003

Westport Oil & GAS L.P.

Utah Helper Field

		Sample Date	Comments
Brine No. 1:	Fed 44-6D Navajo Formation	November 14, 2003	Anadarko wells are off-set wells to Westport's Fed 44-6D
Brine No. 2:	Fed 44-6d	November 14, 2003	
Brine No. 3:	Anadarko Helper Fed G-8		
Brine No. 4:	Anadarko Goodall A-1		

Component	Brines				Mixing Ratio as %									
	Brine 1	Brine 2	Brine 3	Brine 4	10.0 / 20.0 / 30.0 / 40.0	20.0 / 30.0 / 40.0 / 10.0	30.0 / 40.0 / 10.0 / 20.0	40.0 / 10.0 / 20.0 / 30.0	50.0 / 0.0 / 25.0 / 25.0	60.0 / 20.0 / 10.0 / 10.0	70.0 / 10.0 / 10.0 / 10.0	80.0 / 10.0 / 0.5 / 0.5	90.0 / 10.0 / 0.0 / 0.0	0.0 / 0.0 / 0.0 / 0.0
Calcium; mg/liter	4,640	2,840	344	160	1,199	1,934	2,594	2,257	2,446	3,402	3,582	4,394	4,460	#DIV/0!
Magnesium; mg/liter	486	875	253	44	317	465	530	346	317	498	457	525	525	#DIV/0!
Barium; mg/liter	0	0	0	92	37	9	18	28	23	9	9	1	0	#DIV/0!
Strontium; mg/liter	0	0	0	35	14	4	7	11	9	4	4	0	0	#DIV/0!
Carbonate; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Bicarbonate; mg/liter	4,648	3,660	5,978	6,100	5,430	5,029	4,676	5,251	5,344	4,729	4,827	4,555	4,549	#DIV/0!
Sulfate; mg/liter	5,435	4,135	188	213	1,512	2,424	3,346	2,689	2,618	4,128	4,258	5,235	5,305	#DIV/0!
Chloride; mg/liter	47,000	72,000	13,400	10,360	27,264	37,396	46,312	31,788	29,440	44,976	42,476	49,361	49,500	#DIV/0!
Measured pH	6.97	6.89	7.35	7.50	7.28	7.15	7.08	7.20	7.20	7.05	7.05	6.97	6.96	#DIV/0!
Ionic Strength	1.71	2.33	0.48	0.4	0.94	1.27	1.57	1.13	1.08	1.58	1.52	1.76	1.77	#DIV/0!
Temperature (°F)	85	85	85	85	85	85	85	85	85	85	85	85	85	#DIV/0!
Pressure (psia)	100	100	100	100	100	100	100	100	100	100	100	100	100	#DIV/0!
Saturation Index														
Calcite	1.24	0.81	1.10	1.01	1.23	1.16	1.13	1.34	1.40	1.21	1.26	1.20	1.20	#VALUE!
Gypsum	0.31	-0.04	-1.92	-2.12	-0.66	-0.33	-0.11	-0.20	-0.14	0.09	0.13	0.27	0.28	#VALUE!
Hemihydrate	0.30	-0.07	-1.82	-2.01	-0.63	-0.32	-0.12	-0.18	-0.12	0.07	0.12	0.25	0.26	#VALUE!
Anhydrite	0.17	-0.12	-2.18	-2.39	-0.88	-0.52	-0.27	-0.40	-0.35	-0.07	-0.04	0.13	0.14	#VALUE!
Barite	N/A	N/A	N/A	2.43	2.40	1.86	2.22	2.42	2.38	2.00	2.02	0.80	N/A	#VALUE!
Celestite	N/A	N/A	N/A	-0.79	-0.69	-1.19	-0.81	-0.65	-0.70	-1.03	-1.01	-2.21	N/A	#VALUE!
P(Pounds Per) T(Thousand) B(Barrels)														
Calcite	1806.8	1023.4	272.6	125.2	923.7	1301.1	1462.2	1576.4	1704.4	1690.9	1786.5	1726.0	1729.1	#VALUE!
Gypsum	1210.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	310.6	448.5	1060.1	1097.0	#VALUE!
Hemihydrate	1000.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	215.7	346.6	835.5	865.9	#VALUE!
Anhydrite	563.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	437.4	479.9	#VALUE!
Barite	N/A	N/A	N/A	53.6	21.1	5.2	10.5	15.7	13.0	5.2	5.2	0.2	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!

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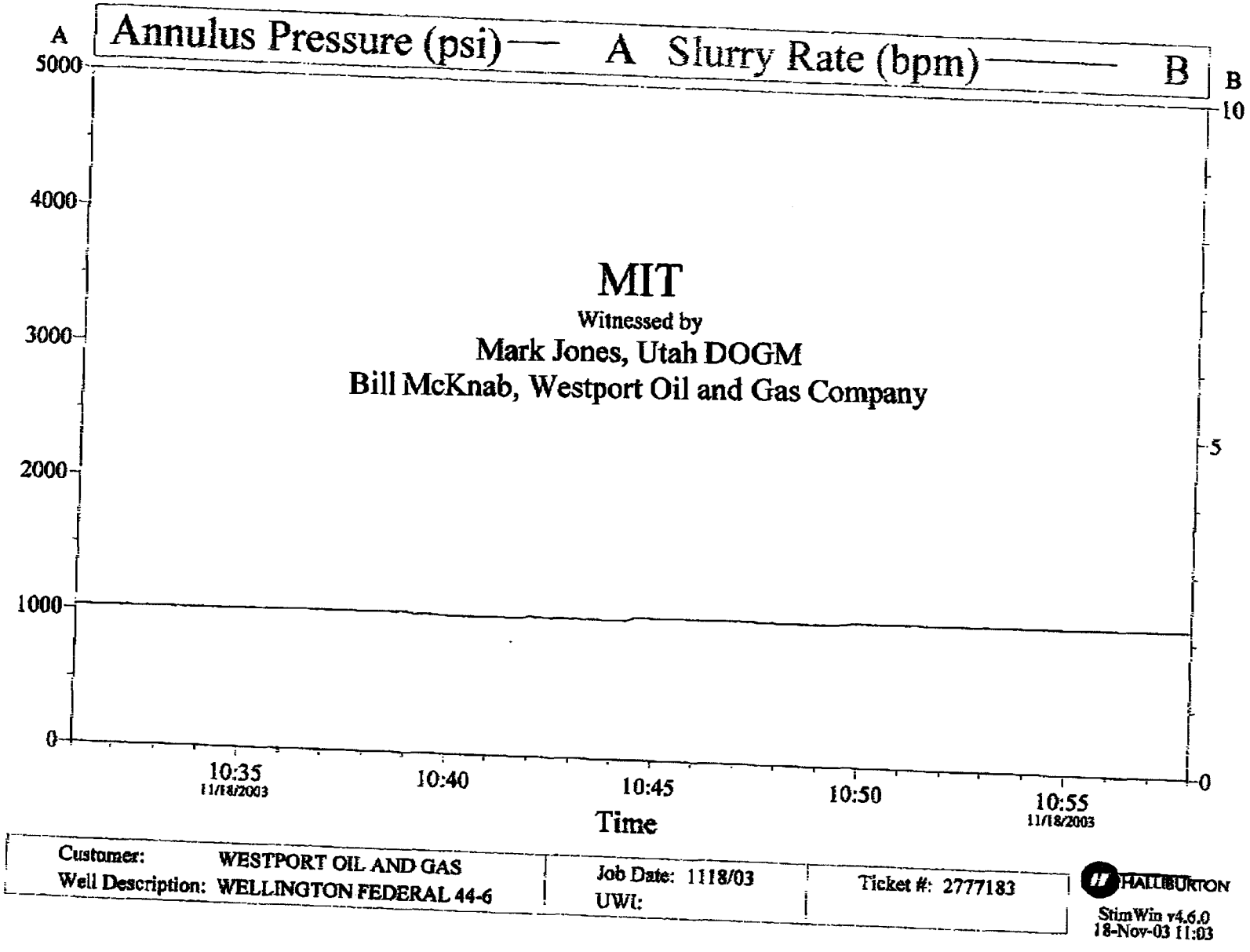

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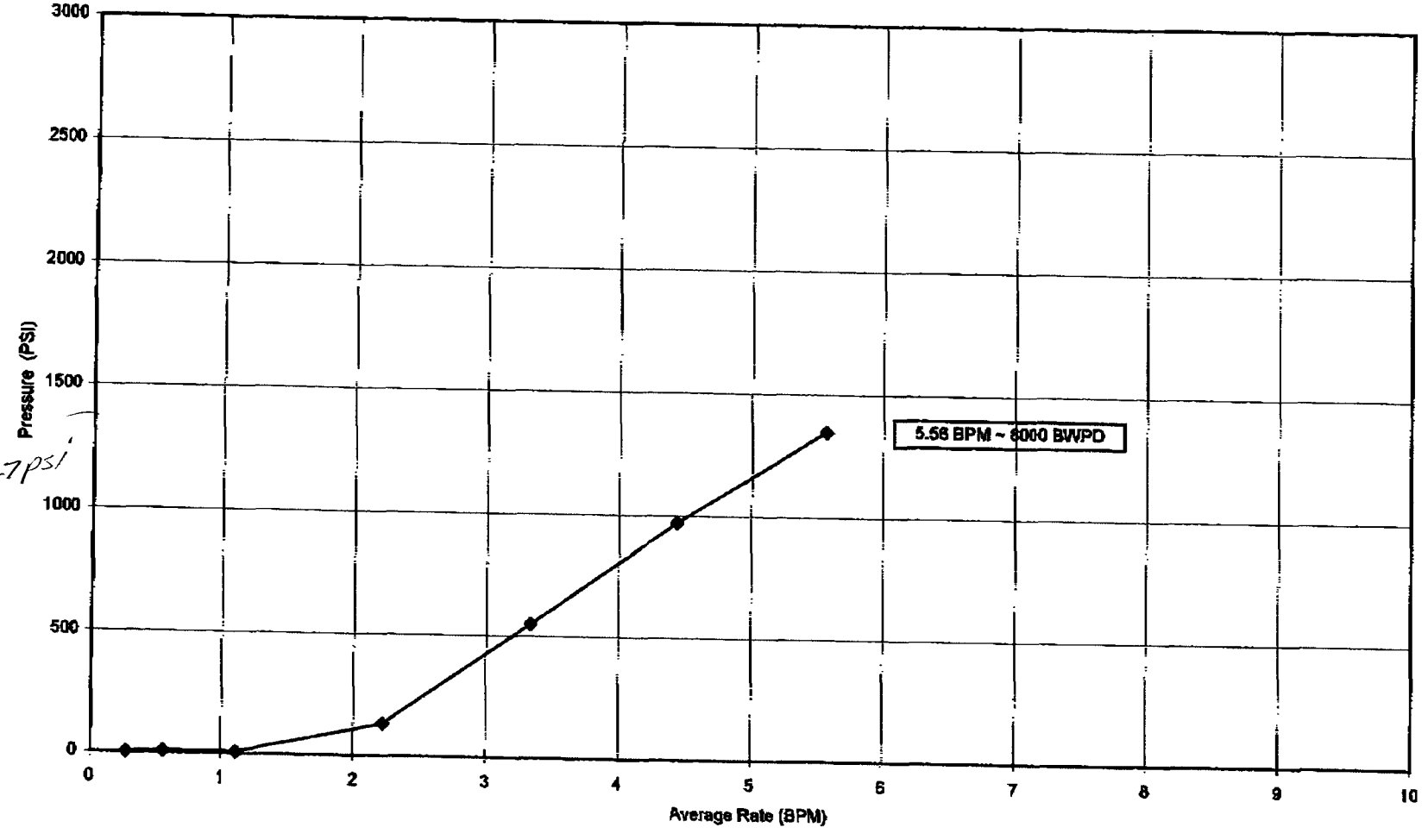
WESTPORT OIL AND GAS COMPANY
WELLINGTON FEDERAL #44-6 SWD
STEP RATE TEST



~1347psi

WESTPORT OIL AND GAS COMPANY L.P.

WELLINGTON FEDERAL 44-6 SWD
SE SE Section 6 T14S R11E
Carbon County, Utah

API No: 43-007-30912

STEP RATE TEST DATA

Step No	Step Length (Min)	Average Rate (BPM)	Pressure (PSI)
1	30	0.28	4
2	30	0.56	7
3	30	1.11	7
4	30	2.22	131
5	30	3.33	550
6	30	4.44	973
7	30	5.56	1347

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: Wellington Federal 1446 API Number: 43-007-30912
Qtr/Qtr: SESE Section: 6 Township: 14S Range: 11E
Company Name: Westport Oil & GAS CO.

Lease: State ____ Fee ____ Federal X Indian ____
Inspector: Mark F Jones Date: 11/18/2003

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1018#	0#
5		
10		
15		
20		
25		
30	1046#	0#

Results: Pass/Fail

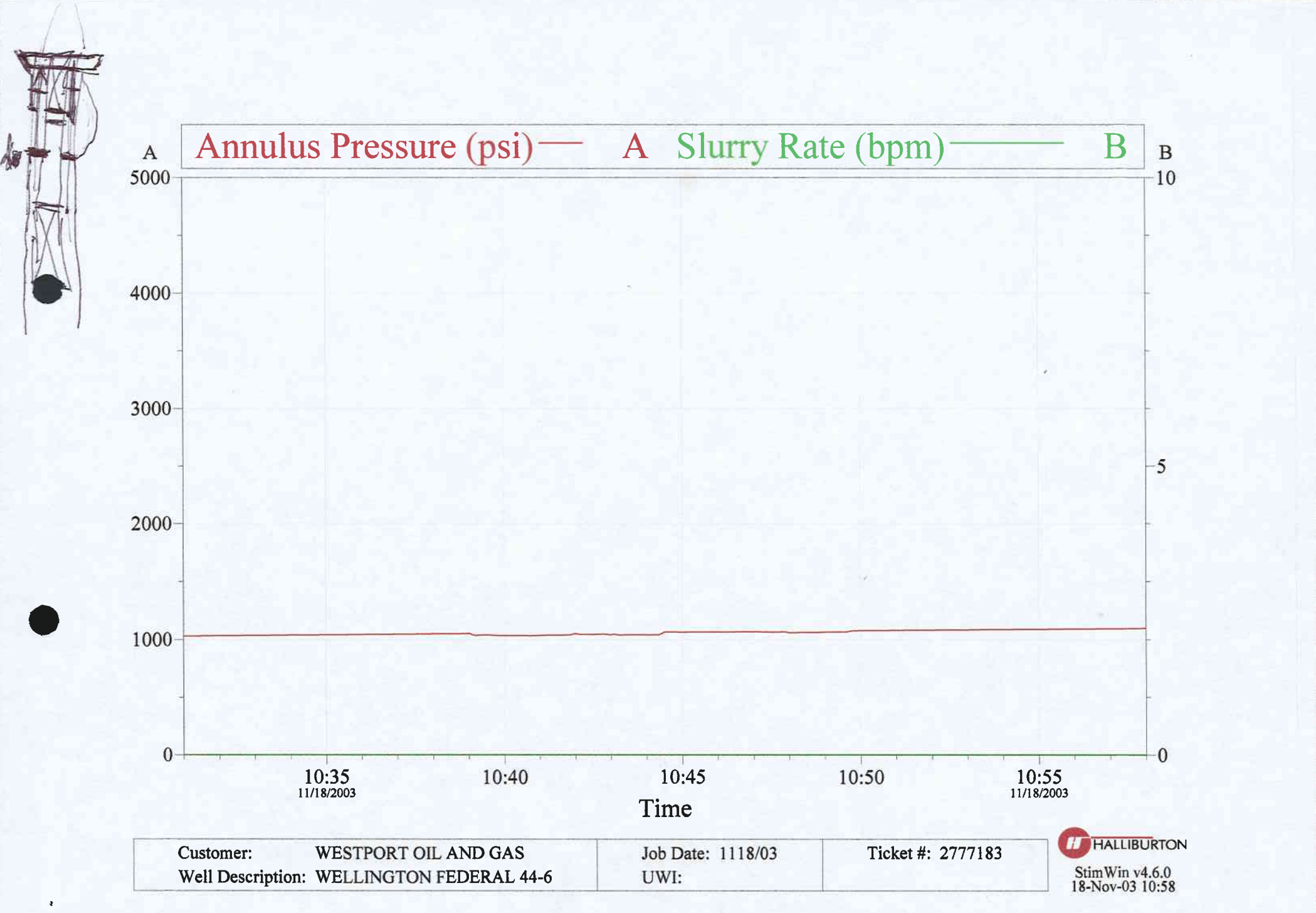
Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: Annulus initially lost psi (lost <50# in 5 min.) Probably due to air compression. I asked them to bump the psi back to above 1000# and start the clock over. The annulus then pressured up over the test time, probably due to temperature increase.
Bill McNabb → present during test.
HALIBURTON performed the test.
No guage was placed on the tubing during the test. (tubing was open to atmosphere.)

Operator Representative



Customer:	WESTPORT OIL AND GAS	Job Date: 1118/03	Ticket #: 2777183
Well Description:	WELLINGTON FEDERAL 44-6	UWI:	

HALLIBURTON

StimWin v4.6.0
18-Nov-03 10:58

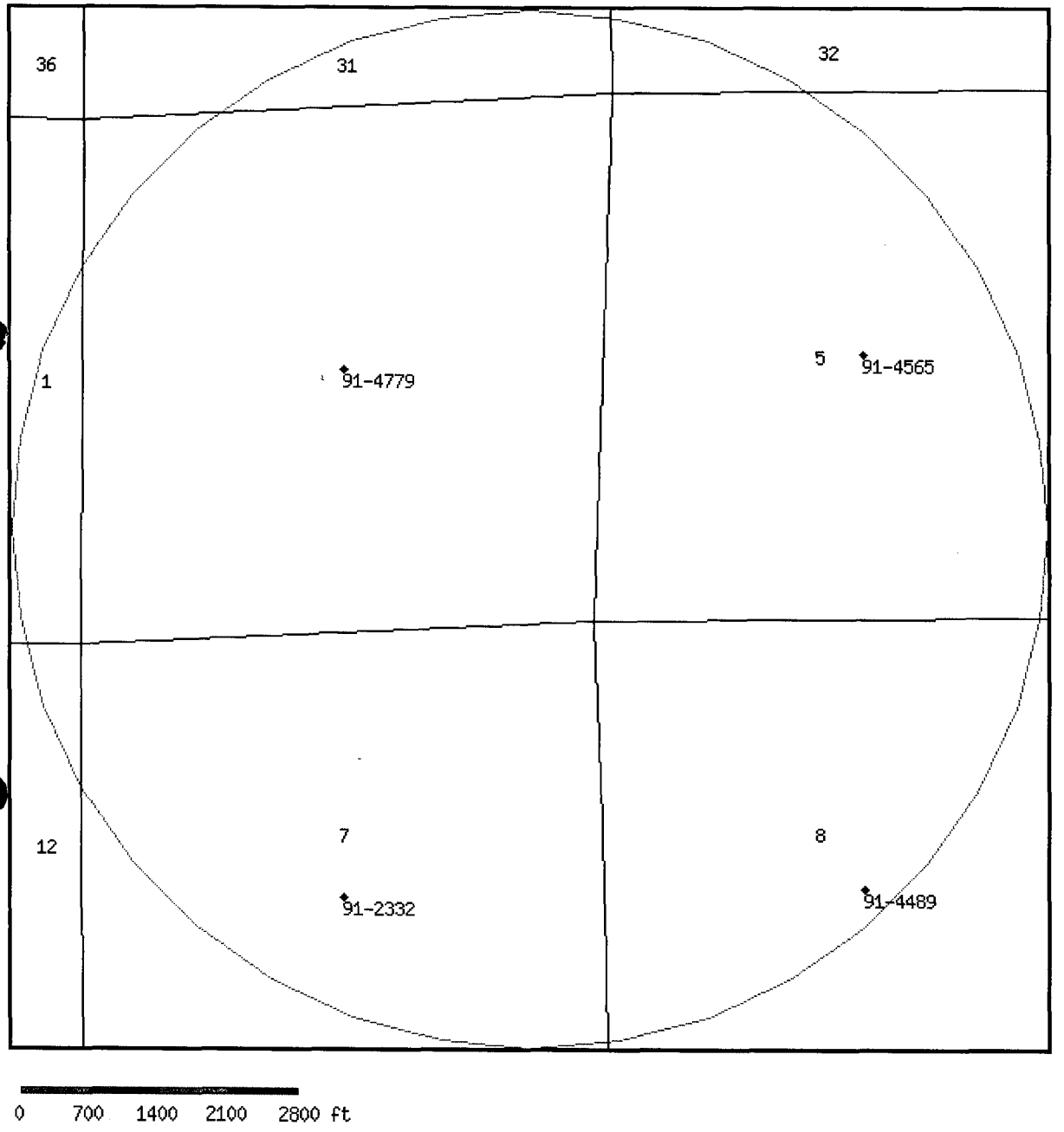
utah.gov | State Online Services | Agency List | Business.utah.gov | Search Utah.gov GO

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2003.11.10.00 Rundate: 11/20/2003 11:02 AM

Radius search of 5280 feet from a point N937 W658 from the SE corner, section 06, Township 14S, Range 11E, SL b&m
Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
91-2332	Point to Point N370 E450 SW 07 14S 11E SL		P	18690000	S	0.000	0.000	Oliver, Anona Ann
91-4489	Point to Point 0 0 08 14S 11E SL		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4565	Point to Point 0 0 05 14S 11E SL		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4715	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4716	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4779	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West

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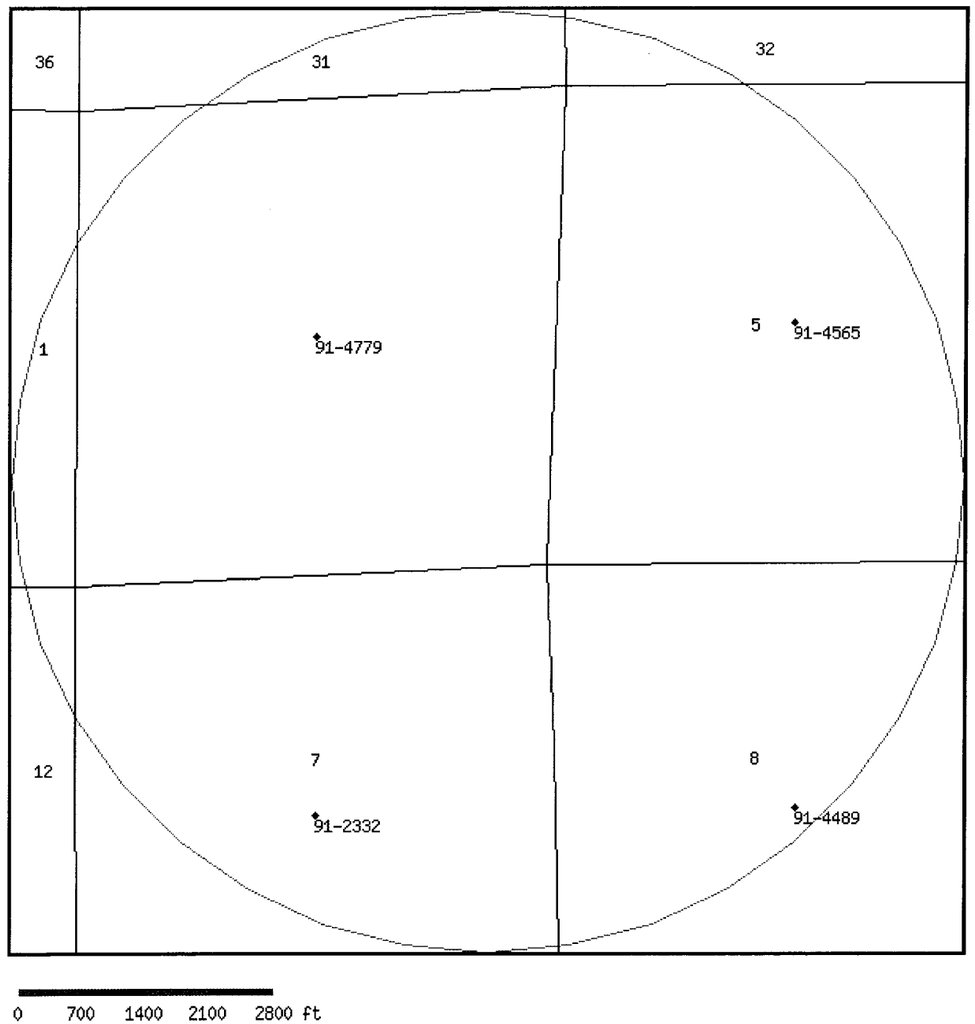
UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2003.11.10.00 Rundate: 11/20/2003 11:02 AM

Radius search of 5280 feet from a point N937 W658 from the SE corner, section 06, Township 14S, Range 11E, SL b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



Water Rights

WR	Diversion	Well

Number	Type/Location	Log	Status	Priority	Uses	CFS	ACFT	Owner Name
91-2332	Point to Point		P	18690000	S	0.000	0.000	Oliver, Anona Ann
	N370 E450 SW 07 14S 11E SL							
91-4489	Point to Point		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office)
	0 0 08 14S 11E SL							125 South 600 West
91-4565	Point to Point		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office)
	0 0 05 14S 11E SL							125 South 600 West
91-4715	Point to Point		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office)
	0 0 06 14S 11E SL							125 South 600 West
91-4716	Point to Point		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office)
	0 0 06 14S 11E SL							125 South 600 West
91-4779	Point to Point		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office)
	0 0 06 14S 11E SL							125 South 600 West

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WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
91-2332	Point to Point N370 E450 SW 07 14S 11E SL		P	18690000	S	0.000	0.000	Oliver, Anona Ann
91-4489	Point to Point 0 0 08 14S 11E SL		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4565	Point to Point 0 0 05 14S 11E SL		P	19020000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4715	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4716	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West
91-4779	Point to Point 0 0 06 14S 11E SL		P	18690000	OS	0.000	0.000	USA Bureau of Land Management (Price Field Office) 125 South 600 West

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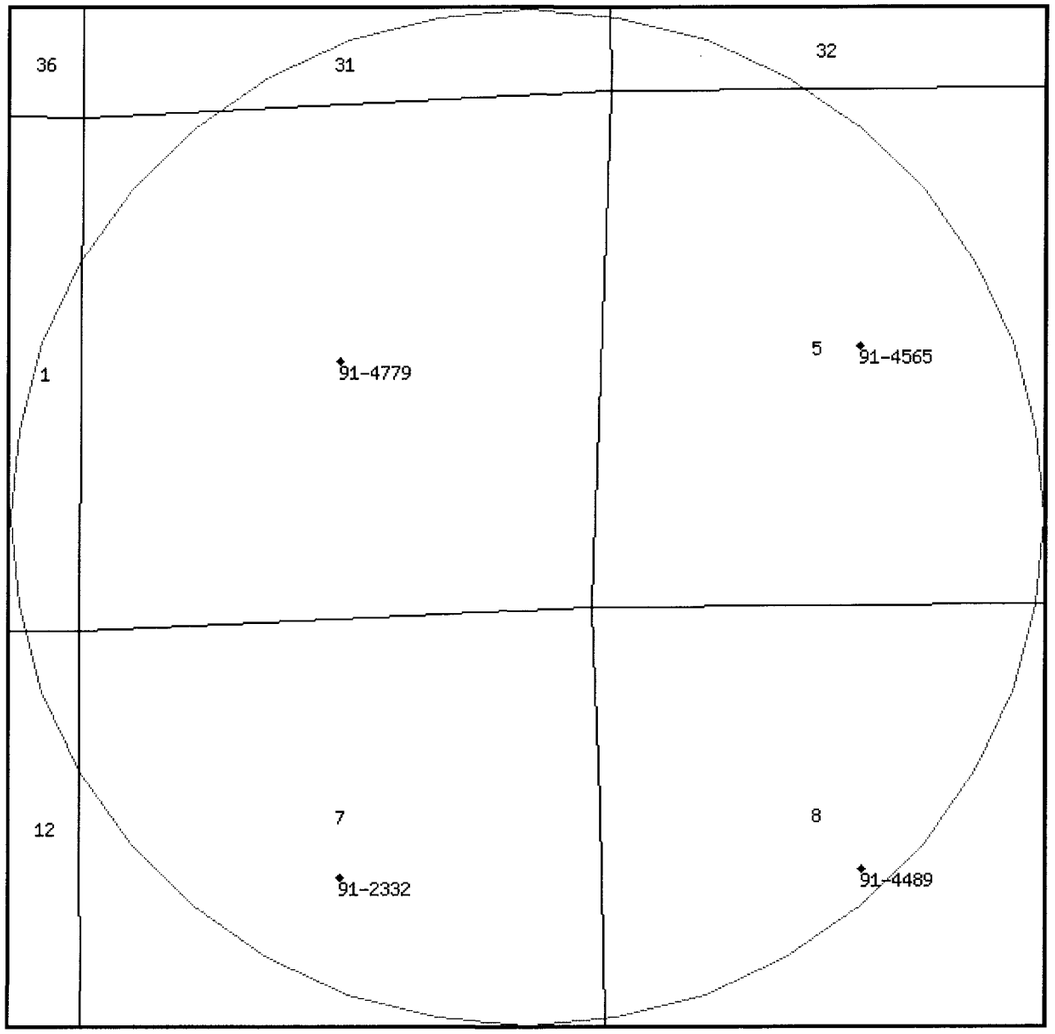
UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2003.11.10.00 Rundate: 11/20/2003 11:02 AM

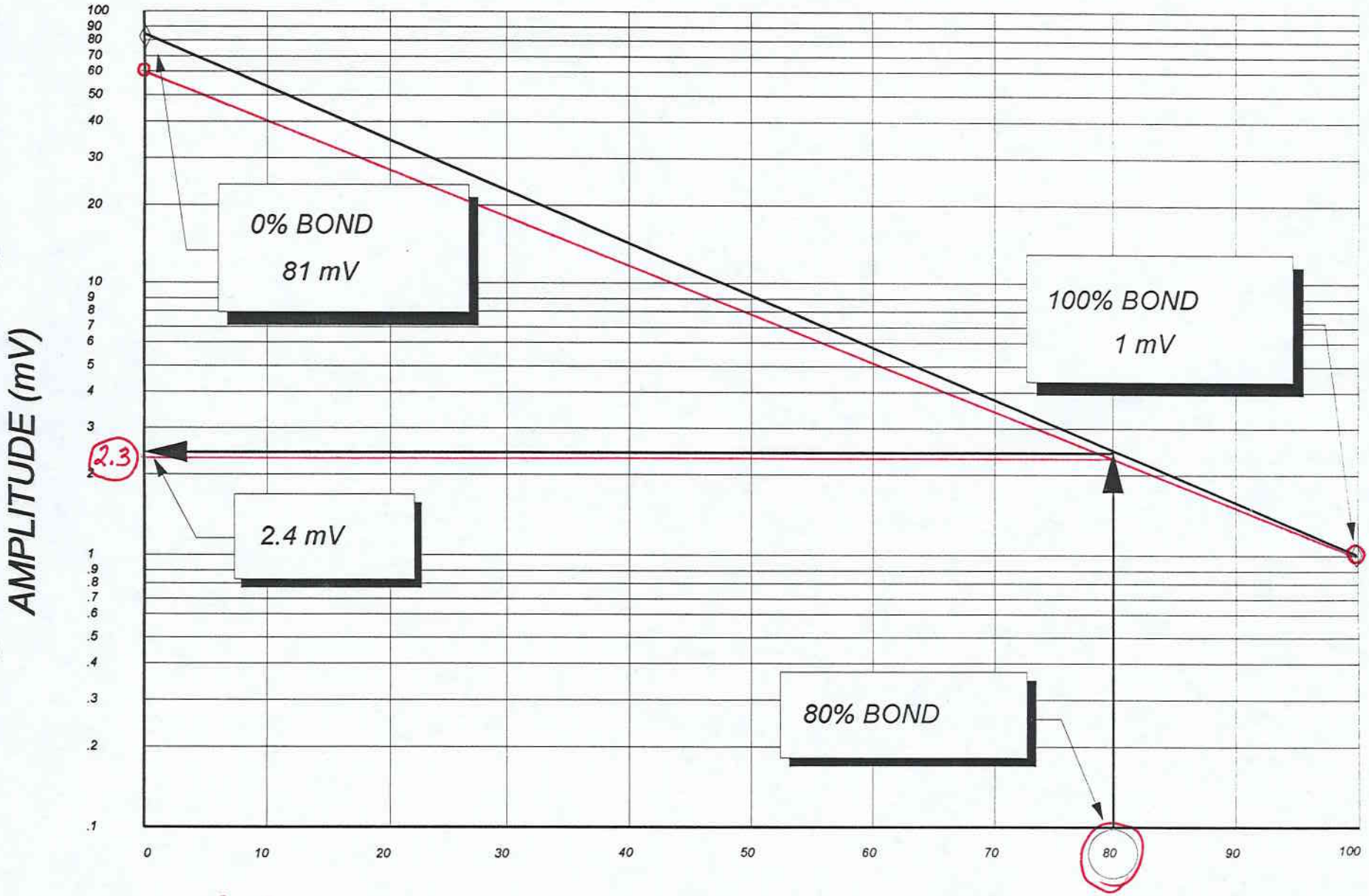
Radius search of 5280 feet from a point N937 W658 from the SE corner, section 06, Township 14S, Range 11E, SL b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



Water Rights

WR	Diversion	Well

Westport Wellington Federal 44-6 SWD 11/21/03



7" = 60 mV for free pipe

WESTPORT OIL AND GAS COMPANY, L.P.
1695 S. HIGHWAY 10
PRICE, UT 84501

FAX TRANSMITTAL SHEET

DATE: November 21, 2003

TO: Chris Kierst
Utah Division of Oil Gas & Mining

TELEPHONE No: 801-538-5337
FAX NO: 801-359-3940

FROM: BILL McKNAB
1695 S. Highway 10
Price, UT 84501

TELEPHONE NO: 435-613-0752
CELL NO: 303-550-1274
FAX NO: 435-613-0753
Email: BillMcKnab@aol.com

NO OF PAGES SENT: 3 (including cover sheet)

Chris,

Enclosed are the two water analyses from the SGS Commercial Testing and Engineering lab.

Please contact me if there are any problems or questions.

Bill McKnab
Project Manager

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306
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P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

November 21, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DENVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample Water
reported to us

Sample taken at

Sample taken by Curley

Date sampled November 15, 2003

Date received November 15, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Wellington Federal 44-6 SWD
Navajo Formation
RECEIVED 1005
SAMPLED 0800
Resistivity - 9.31 Ohm*cm
Specific Gravity - 1.06

Analysis report no. 59-25941

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	5236	5	mg/l as HCO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Total	4292	5	mg/l as $CaCO_3$	EPA 310.1	11-20-2003 1100 JJ
Calcium, Total	1490.000	0.1	mg/l	EPA 200.7	11-19-2003 2215 DI
Chloride	30794	1	mg/l	EPA 300.0	11-21-2003 0940 BLP
Conductivity	107400	----	umhos/cm	SM2510-B	11-19-2003 0740 JJ
Iron, Total	713.000	0.020	mg/l	EPA 200.7	11-19-2003 2215 DI
Magnesium, Total	322.000	0.02	mg/l	EPA 200.7	11-19-2003 2215 DI
pH	6.43	----	pH units	EPA 150.1	11-15-2003 1100 BLP
Sodium, Total	25200	0.1	mg/l	EPA 200.7	11-20-2003 1105 BLP
Solids, Total Dissolved	81844	30	mg/l	EPA 160.1	11-18-2003 0840 DI
Sulfate	4219	1	mg/l	EPA 300.0	11-20-2003 1026 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

COMMERCIAL TESTING & ENGINEERING CO.
GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306
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November 21, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample Water
reported to us

Sample taken at

Sample taken by Curley

Date sampled November 14, 2003

Date received November 14, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Wellington Federal 44-6 SWD
Wingate Formation
RECEIVED 1530
SAMPLED 1330
Resistivity - 6.73 Ohm*cm
Specific Gravity - 1.09

Analysis report no. 59-25940

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	3282	5	mg/l as HCO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Total	2690	5	mg/l as $CaCO_3$	EPA 310.1	11-20-2003 1100 JJ
Calcium, Total	1150.000	0.1	mg/l	EPA 200.7	11-19-2003 2215 DI
Chloride	25412	1	mg/l	EPA 300.0	11-21-2003 0940 BLP
Conductivity	148600	----	umhos/cm	SM2510-B	11-19-2003 0740 JJ
Iron, Total	245.000	0.020	mg/l	EPA 200.7	11-19-2003 2215 DI
Magnesium, Total	340.000	0.02	mg/l	EPA 200.7	11-19-2003 2215 DI
pH	7.32	----	pH units	EPA 150.1	11-14-2003 1600 BLP
Sodium, Total	42800	0.1	mg/l	EPA 200.7	11-20-2003 1105 BLP
Solids, Total Dissolved	121518	30	mg/l	EPA 160.1	11-18-2003 0840 DI
Sulfate	5639	1	mg/l	EPA 300.0	11-20-2003 1026 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.
Huntington Laboratory

MEMBER ACIL

From: <BillMcKnab@aol.com>
To: <chriskierst@utah.gov>
Date: 11/25/03 11:44AM
Subject: Perforations

Chris,

Attached is a sheet listing the perforations. My apologies for not getting them to you.

The injection pump is rated at 8000 bpd @ 1000 psi. That is the maximum operating rate and pressure of this pump configuration.

A proper step rate test will be run soon.

Let me know if there are any questions.

Bill McKnab
Project Manager
Westport Oil and Gas Company LP
435-613-0752 (Office)
435-613-0753 (Fax)
303-550-1274 (Cell)

CC: <dgomendi@westportresourcescorp.com>

WESTPORT OIL AND GAS COMPANY L.P.

WELLINGTON FEDERAL 44-6 SWD
SE SE Section 6 T14S R11E
Helper Field
Carbon County, Utah

API No: 43-007-30912

PERFORATIONS FROM	TO	FEET	NO OF SHOTS @ 4SPF
5,722'	5,696'	26'	104
5,797'	5,783'	14'	56
5,812'	5,807'	5'	20
5,872'	5,853'	19'	76
5,927'	5,876'	51'	204
5,980'	5,947'	33'	132
6,010'	5,998'	12'	48
6,026'	6,022'	4'	16
6,048'	6,042'	6'	24
6,114'	6,102'	12'	48
6,160'	6,134'	26'	104
TOTAL		208'	832

PERFORATION DATA

Charge	Baker Atlas Prec
Gun	3-3/8" expendab
Entry Hole	0.43"
Shot Size	22.7 gms
Pene Depth	39.56"

State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

November 25, 2003

Dave Gomendi
Westport Oil and Gas Company, L.P.
1670 Broadway
Suite 2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 Salt Water Disposal Well, Section 6 Township 14 South, Range 11 East (SLBM), Carbon County, Utah

Mr. Gomendi:

Pursuant to Utah Administrative Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II salt water disposal well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II Injection Wells pursuant to Utah Administrative Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Westport Oil and Gas Company.

If you have any questions regarding this approval or the necessary requirements, please contact Christopher Kierst at (801) 538-5337 at this office.

Sincerely,

John R. Baza
Associate Director

CK/jc

cc: Dan Jackson, Environmental Protection Agency
Eric Jones, BLM Moab Office
Carbon County Planning

11/21/03

DIVISION O
UNDERGROUND IN

Here are draft documents for the Wellington Federal 44-6 SWD application.
Please finish: - Statement of Basis
- Approval Letter
- Permit Document

H2S training Monday

See comments

Applicant

Location:

Ownership issues:

The well is located on Fed
Management. It is within the H
an Affidavit of Mailing specifyin
Well permit was sent to all ope
of the proposed injection well.

Well Integrity:

Bill McCurdy never faxed the results of the analysis of the 44-6 well's Navajo and Wingate formation waters, so I used the figures he once told me gave me (I was supposed to get a fax of them 11/21/03). Please review & comment for finalization on Tuesday, 11/25/03 (before T-day Holiday leave) Thanks CK

Bob Kaszaper
Westport

prod.
7 wells for 04

Guestimate
500bpd. => 2100 bpd.

Letter for conversion
approval
Dave Gomendi - 303 607 3472

Fax Bill
Mail to Denver

7/8	[illegible]	[illegible]	pe
"	26#	J-55,	LT&C

GRAM

Number Sacks	Cement Type	Cement Yield	Cement Weight PPG
30	Ready Mix	-	-
475	Class G	1.18	15.6
325 285	HIFIL Premium Plus	3.86 1.6	11 14.2
275 260	50/50 POZ 50/50 POZ	1.94 1.18	12.5 14.3
275 125	50/50POZ Premium AG (Class G)	1.94 1.18	12.5 15.8

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
STATEMENT OF BASIS

Applicant: Westport Oil and Gas Company, L.P. **Well:** Wellington Federal 44-6

Location: T14, R11E, S6, Carbon County, Utah **API:** 4300730912

Ownership Issues:

The well is located on Federal land administered by the Bureau of Land Management. It is within the Helper Field. The operator has provided the Division an Affidavit of Mailing specifying that a copy of the application for a Class II Injection Well permit was sent to all operators, owners and surface owners within a half-mile of the proposed injection well.

Well Integrity:

Description of the Casings and Cement:

CASING PROGRAM

String Type	Hole Size	Depth	Feet	Casing Diameter	Weight	Grade	Connection Type
Conductor	24"	40'	40'	20"	-	-	-
Surface	17½"	446'	?	13 3/8"	48#	H-40	ST&C
Intermediate	12¼	2,659'	?	9 5/8"	40#	J-55	ST&C
Production	8¾"	6,369'	?	7"	26#	J-55,	LT&C

CEMENT PROGRAM

String Type	DV Depth	Stage Lead/Tail	Cement Bottom	Cement Top	Number Sacks	Cement Type	Cement Yield	Cement Weight PPG
Conductor	-	-	-	Surface	30	Ready Mix	-	-
Surface	-	-	-	Surface	475	Class G	1.18	15.6
Intermediate	-	Lead Tail	-	Surface	325 285	HIFIL Premium Plus	3.86 1.6	11 14.2
Production	4,335'	1st Stg. Lead Tail	-	3,060 (CBL)	275 260	50/50 POZ 50/50 POZ	1.94 1.18	12.5 14.3
"	-	2nd Stg. Lead Tail	-	-	275 125	50/50POZ Premium AG (Class G)	1.94 1.18	12.5 15.8

Ground Water Protection:

The operator, Westport Oil and Gas Company, proposes to inject a Helper Field Ferron (Coal) Member CBM produced water mixture through selective perforations into the Navajo and Wingate Sandstones for the purpose of salt water disposal. At the behest of the operator, Commercial Testing and Engineering Company, an EPA certified analytical laboratory with local offices in Huntington, Utah, analyzed samples of produced water from directly offsetting field wells, operated by Anadarko Petroleum Corporation, that reveal Total Dissolved Solids (TDS) concentrations ranging between 17,862 mg/l and 24,753 mg/l. An analysis of the connate waters of the proposed injection zone of the proposed injection well revealed TDS concentrations in the Navajo and Wingate Sandstones to be 81,844 mg/l and 121,518 mg/l, respectively. These are typical analyses in comparison to those obtained from the same injection zones in other SWD wells operating in the Carbon County CBM area. It is unlikely that a good quality ground water resource is to be found in the Navajo and Wingate Sandstones in this area and, particularly, at the depths penetrated in the subject proposed injection well. Owing to spudding into the Mancos Shale, it is probable that the first water reported during drilling was encountered in the Cretaceous age Ferron Member CBM zone, which was picked at a depth of 2,009 feet.

The operator asks permission to inject at a Maximum Allowable Surface Injection Pressure of 1,350 psi. Based on the findings of a Step Rate Test undertaken by the operator, this results in an injection rate of about 8,000 barrels per day, which they find to be acceptable for the time being. The test results did not provide indications of formation breakdown at the final pressure attained (1,347 psi @ 5.56 bpm).

The primary confining layers between the injection zones and the Ferron production zone are the anhydrites and limestones of the Jurassic age Carmel Formation and the Mancos Shale section below the Ferron Member. Electric logs from the Wellington Federal 44-6 indicate the development of five different anhydrite beds, indicative of anomalous local evaporite development. This stands in contrast to the impoverished evaporite section in a well about two and a half miles to the southeast. The logs from that well indicate a single well developed anhydrite bed and a thinner overall evaporite interval. It may be that this is a result of normal faulting in the evaporite section.

In this area, the Navajo and Wingate Sandstones are not considered Underground Sources of Drinking Water (USDW; a water source containing less than 10,000 mg/l, total dissolved solids).

There are no subsurface water rights filed within a mile of the Wellington Federal 44-6.

An analysis of the Cement Bond Log was undertaken to evaluate the quality of the

bond over the confining interval in the well. The lower Mancos Shale (below the Ferron Member) is well bonded over a considerable interval. There is about 80' of cumulative discontinuous 80% bonded cement in the Carmel Formation and about 108' of cumulative discontinuous 80% bonded cement if a portion of the lower Entrada Sandstone is included. This bonding occurs in the overall 700' of strata above the Navajo Sandstone. The longest continuous acceptably bonded interval in the Carmel Formation was about 40'. Nearly all of the acceptably bonded cement in the Carmel Formation occurs in shale rather than limestone. While it is problematic whether the transit time curve is presenting cycle skipping or excentricity in the Carmel section, it is worth observing that the same circumstance occurs in the apparently well bonded lower Mancos Shale interval. The CBL was run at 500 psi to minimize the microannulus. The cement bonding between the top of the Navajo Sandstone and the Ferron CBM zone should be adequate to prevent interzone communication.

Oil/Gas & Other Mineral Resources Protection:

In this area coal bed methane is the only mineral resource that is currently being exploited in the strata that have been penetrated in this well.

Historically, coal has being extracted from nearby mines along the Book Cliffs that have been developed in superjacent Cretaceous strata.

The nearest conventional oil and gas development is about 8 miles to the southeast at the abandoned Farnham Dome Field.

A review of the well records of the Division of Oil, Gas and Mining revealed that one other well is within the one-half mile regulatory area of review. It is plugged and abandoned and was ended at 3,485' in the Mancos Shale, closely below the Ferron Member CBM zone, not penetrating the proposed injection zone or confining intervals.

Bonding:

Westport Oil and Gas Company, L.P. has posted nationwide blanket bond #158624364 with the Bureau of Land Management. Information regarding the details of the bond is obtainable from that agency.

Actions Taken and Further Approvals Needed:

Notice of this application was published in the Salt Lake Tribune and the Price, Utah, Sun Advocate. In addition, copies of the notice were provided to EPA Region 8, the BLM Moab District Office, Carbon County Planning, Price City and the operator. The notice stated the proposed interval for injection to be selective zones in the Navajo, Kayenta and Wingate Sandstones. Any future injection into a formation other than that permitted will require administrative approval after appropriate sampling and testing.

After reviewing their documentary submission and application, it is my conclusion that Westport Oil and Gas Company, L.P., ought to be granted a permit to utilize the Wellington Federal 44-6 well for injecting field produced water into the proposed Formations. The proposed operations would not result in any meaningful diminution in the quality of the noxious formation water. No negative impacts on any superjacent high quality ground water resource are anticipated resultant of the subject permitted operations.

A properly designed and constructed injection well, combined with periodic mechanical integrity tests (MIT), demonstrably poses no threat to fresh or useable groundwater supplies. On 11/18/03 the operator conducted a successful MIT on this well that was witnessed by Mr. Mark Jones, an inspector from the Division's Price, Utah, office. The Division staff recommends administrative approval of this application.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Christopher J. Kierst Date: 11/21/2003

November 21, 2003

~~Daniel S. Carroll~~ Dave Gowerdi
Westport Oil and Gas Company, L.P.
1670 Broadway
Suite 2800
Denver, CO 80202-4800

Re: Wellington Federal 44-6 Salt Water Disposal Well, Section 6 Township 14 South, Range 11 East (SLBM), Carbon County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II salt water disposal well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Westport Oil and Gas Company.

If you have any questions regarding this approval or the necessary requirements, please contact Christopher Kierst at (801) 538-5337 at this office.

Sincerely,

John R. Baza
Associate Director

CK/ts

cc: Dan Jackson, Environmental Protection Agency
Eric Jones, BLM Moab Office
Carbon County Planning

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-309

Operator: Westport Oil and Gas Company

Wells: Wellington Federal 44-6

Location: Section 6, Township 14 South, Range 11 East (SLBM), Carbon County, Utah

API No.: 43-007-30912

Well Type: Salt Water Disposal Well

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 24, 2003
2. Maximum Allowable Surface Pressure: 1,350 psi.
3. Maximum Allowable Injection Rate: No Specific Rate Necessary
4. Injection Interval: Selective zones in the Navajo Sandstone, Kayenta Formation and Wingate Sandstone.

Approved by: _____ _____

John R. Baza
Associate Director

Date

What analysis was done on SRT?
was friction loss accounted for at the higher rates?
May have frac'd at ~ 2.2 bpm?

Don't issue until have prod. logs.

WESTPORT OIL AND GAS COMPANY, L.P.
1695 S. HIGHWAY 10
PRICE, UT 84501
435-613-0752
435-613-0753 (FAX)

November 22, 2003

Chris Kierst
Utah Department of Natural Resources
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Wellington Federal #44-6 SWD UIC Permit

Dear Chris,

As we discussed here are the originals of the documents that were faxed to you. These documents are as follows:

1. Commercial Testing and Engineering Water Analyses on the
    a. Anadarko Goodall A-1
    b. Anadarko Helper Federal G-8
    c. Wellington Federal 44-6 SWD Navajo Formation
    d. Wellington Federal 44-6 SWD Wingate Formation
2. Champion Technologies Inc Water Analyses on the
    a. Anadarko Goodall A-1
    b. Anadarko Helper Federal G-8
    c. Wellington Federal 44-6 SWD Navajo Formation
    d. Wellington Federal 44-6 SWD Wingate Formation
    e. SI Calcaulations
3. Copy of MIT performed on the Wellington Federal 44-6 SWD
4. Copy of Step Rate Test and data.
5. Casing and Tubing Information.

I believe at this point you have all the necessary information for review and approval of the UIC application.

Please contact me if there are any questions or problems.

RECEIVED
NOV 2 6 2003
DIV. OF OIL, GAS & MINING

Very truly yours,

V. W. McKnab II
Cardinal Draw Project Manager

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

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ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

November 14, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Sample identification by
Westport Oil And Gas Comp.

ID:Anadarko Petroleum Corp.
Goodall A-1 Sec.6 T14S R11E
RECEIVED 1630
SAMPLED 1315

Resistivity - 364.96 Ohm*cm
Specific Gravity - 1.02

Kind of sample reported to us: Water

Sample taken at:

Sample taken by: Bill McKnab

Date sampled: November 11, 2003

Date received: November 11, 2003

Analysis report no. 59-25922

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	7515	5	mg/l as HCO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Total	6160	5	mg/l as $CaCO_3$	EPA 310.1	11-13-2003 0815 JJ
Calcium, Total	67.600	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Chloride	719	1	mg/l	EPA 300.0	11-13-2003 1151 BLP
Conductivity	27400	----	umhos/cm	SM2510-B	11-13-2003 0705 JJ
Iron, Total	3.370	0.020	mg/l	EPA 200.7	11-14-2003 1016 DI
Magnesium, Total	46.200	0.02	mg/l	EPA 200.7	11-14-2003 1016 DI
pH	7.69	----	pH units	EPA 150.1	11-12-2003 0930 DI
Sodium, Total	6150.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Solids, Total Dissolved	17862	30	mg/l	EPA 160.1	11-13-2003 0800 DI
Sulfate	<1	1	mg/l	EPA 300.0	11-13-2003 1151 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

COMMERCIAL TESTING & ENGINEERING CO.

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TEL: (435) 653-2311
FAX: (435) 653-2436

November 14, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample reported to us: Water

Sample taken at:

Sample taken by: Bill McKnab

Date sampled: November 11, 2003

Date received: November 11, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Anadarko Petroleum Corp.
Helper Federal G-8 Sec. 31 T13S R11E
RECEIVED 1630
SAMPLED 1328

Resistivity - 259.74 Ohm*cm
Specific Gravity - 1.02

Analysis report no. 59-25923

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	5998	5	mg/l as HCO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-13-2003 0815 JJ
Alkalinity, Total	4916	5	mg/l as $CaCO_3$	EPA 310.1	11-13-2003 0815 JJ
Calcium, Total	124.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Chloride	384	1	mg/l	EPA 300.0	11-13-2003 1151 DI
Conductivity	38500	----	umhos/cm	SM2510-B	11-13-2003 0705 JJ
Iron, Total	30.600	0.020	mg/l	EPA 200.7	11-14-2003 1016 DI
Magnesium, Total	84.100	0.02	mg/l	EPA 200.7	10-14-2003 1016 DI
pH	7.36	----	pH units	EPA 150.1	11-12-2003 0930 DI
Sodium, Total	8800.000	0.1	mg/l	EPA 200.7	11-14-2003 1016 DI
Solids, Total Dissolved	24753	30	mg/l	EPA 160.1	11-13-2003 0800 DI
Sulfate	<1	1	mg/l	EPA 300.0	11-13-2003 1151 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

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November 21, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample reported to us: Water

Sample taken at:

Sample taken by: Curley

Date sampled: November 15, 2003

Date received: November 15, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Wellington Federal 44-6 SWD
Navajo Formation
RECEIVED 1005
SAMPLED 0800
Resistivity - 9.31 Ohm*cm
Specific Gravity - 1.06

Analysis report no. 59-25941

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	5236	5	mg/l as HCO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Total	4292	5	mg/l as $CaCO_3$	EPA 310.1	11-20-2003 1100 JJ
Calcium, Total	1490.000	0.1	mg/l	EPA 200.7	11-19-2003 2215 DI
Chloride	30794	1	mg/l	EPA 300.0	11-21-2003 0940 BLP
Conductivity	107400	----	umhos/cm	SM2510-B	11-19-2003 0740 JJ
Iron, Total	713.000	0.020	mg/l	EPA 200.7	11-19-2003 2215 DI
Magnesium, Total	322.000	0.02	mg/l	EPA 200.7	11-19-2003 2215 DI
pH	6.43	----	pH units	EPA 150.1	11-15-2003 1100 BLP
Sodium, Total	25200	0.1	mg/l	EPA 200.7	11-20-2003 1105 BLP
Solids, Total Dissolved	81844	30	mg/l	EPA 160.1	11-18-2003 0840 DI
Sulfate	4219	1	mg/l	EPA 300.0	11-20-2003 1026 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

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November 21, 2003

WESTPORT OIL AND GAS COMPANY
1670 BROADWAY, SUITE 2800
DEVER CO 80202
JILL HENDERSON
303-607-3419
303-607-3419

Kind of sample reported to us: Water

Sample taken at:

Sample taken by: Curley

Date sampled: November 14, 2003

Date received: November 14, 2003

Sample identification by
Westport Oil And Gas Comp.

ID:Wellington Federal 44-6 SWD
Wingate Formation
RECEIVED 1530
SAMPLED 1330
Resistivity - 6.73 Ohm*cm
Specific Gravity - 1.09

Analysis report no. 59-25940

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	3282	5	mg/l as HCO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO_3	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Total	2690	5	mg/l as $CaCO_3$	EPA 310.1	11-20-2003 1100 JJ
Calcium, Total	1150.000	0.1	mg/l	EPA 200.7	11-19-2003 2215 DI
Chloride	25412	1	mg/l	EPA 300.0	11-21-2003 0940 BLP
Conductivity	148600	----	umhos/cm	SM2510-B	11-19-2003 0740 JJ
Iron, Total	245.000	0.020	mg/l	EPA 200.7	11-19-2003 2215 DI
Magnesium, Total	340.000	0.02	mg/l	EPA 200.7	11-19-2003 2215 DI
pH	7.32	----	pH units	EPA 150.1	11-14-2003 1600 BLP
Sodium, Total	42800	0.1	mg/l	EPA 200.7	11-20-2003 1105 BLP
Solids, Total Dissolved	121518	30	mg/l	EPA 160.1	11-18-2003 0840 DI
Sulfate	5639	1	mg/l	EPA 300.0	11-20-2003 1026 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory

MEMBER ACIL

Water Analysis Report

Customer : **Anadarko Petroleum Corporation**

Address :
City : Price
State : UT **Postal Code :**
Attention : Jim Hartley
cc1 : Mark Beiriger
cc2 : Neil Labbe

Comments : Ba Sr ran by ICP.

Date Sampled : 10-Apr-03
Date Reported : 05-May-03
Date Received : 11-Apr-03
Field : Helper Field
Lease : Helper Federal
Location : Goodall A-1
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	160	mg/l
Magnesium :	44	mg/l
Barium :	92	
Strontium :	35	mg/l
Iron :	15.0	mg/l
Sodium :	8803	mg/l

ANIONS

Chloride :	10,360	mg/l
Carbonate :	0	mg/l
Bicarbonate :	6,100	mg/l
Sulfate :	213	mg/l

mg/l mg/l

pH (field) :	7.50	
Temperature :	85	degrees F
Ionic Strength :	0.40	
Resistivity :		ohm/meters
Ammonia :		ppm

Specific Gravity :	1.020	grams/ml
Total Dissolved Solids :	25,822	ppm
CO2 in Water :	167	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :	0.0	mg/l
Dissolved Oxygen :		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.83	Calcite PTB :	117.5
Calcite (CaCO3) SI @ 100 F :	0.99	Calcite PTB @ 100 F :	124.6
Calcite (CaCO3) SI @ 120 F :	1.20	Calcite PTB @ 120 F :	130.3
Calcite (CaCO3) SI @ 140 F :	1.42	Calcite PTB @ 140 F :	134.2
Calcite (CaCO3) SI @ 160 F :	1.64	Calcite PTB @ 160 F :	136.4
Calcite (CaCO3) SI @ 180 F :	1.87	Calcite PTB @ 180 F :	137.9
Calcite (CaCO3) SI @ 200 F :	2.11	Calcite PTB @ 200 F :	138.7
Gypsum (CaSO4) SI :	-2.12	Gypsum PTB :	N/A
Barite (BaSO4) SI :	2.43	Barite PTB :	53.6
Celestite (SrSO4) SI :	-0.79	Celestite PTB :	N/A

Confidential
Champion Technologies, Inc.
Vernal District Technical Services

Water Analysis Report

Customer : **Anadarko Petroleum Corporation**

Address :
City : Price
State : UT **Postal Code :**
Attention : Jim Hartley
cc1 : Mark Beiriger
cc2 : Neil Labbe

Comments :

Date Sampled : 08-Aug-03
Date Reported : 02-Sep-03
Date Received : 18-Aug-03
Field : Helper Field
Lease : Helper Federal
Location : Helper Federal G-8
Sample Point : separator

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	344	mg/l
Magnesium :	253	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	75.0	mg/l
Sodium :	10159	mg/l

ANIONS

Chloride :	13,400	mg/l
Carbonate :	0	mg/l
Bicarbonate :	5,978	mg/l
Sulfate :	188	mg/l mg/l mg/l

pH (field) :	7.35		**Specific Gravity :**	1.020	grams/ml
Temperature :	85	degrees F	**Total Dissolved Solids :**	30,397	ppm
Ionic Strength :	0.48		**CO2 in Water :**	185	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters	**H2S in Water :**	0.0	mg/l
Ammonia :		ppm	**Dissolved Oxygen :**		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	1.01	Calcite PTB :	266.1
Calcite (CaCO3) SI @ 100 F :	1.16	Calcite PTB @ 100 F :	276.1
Calcite (CaCO3) SI @ 120 F :	1.37	Calcite PTB @ 120 F :	285.5
Calcite (CaCO3) SI @ 140 F :	1.59	Calcite PTB @ 140 F :	291.5
Calcite (CaCO3) SI @ 160 F :	1.81	Calcite PTB @ 160 F :	295.2
Calcite (CaCO3) SI @ 180 F :	2.05	Calcite PTB @ 180 F :	297.6
Calcite (CaCO3) SI @ 200 F :	2.29	Calcite PTB @ 200 F :	299.0
Gypsum (CaSO4) SI :	-1.92	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

Water Analysis Report

Customer : Westport Oil & Gas

Address :
City :
State : UT **Postal Code :**
Attention :
cc1 :
cc2 :

Comments : Navajo Formation

Date Sampled : 14-Nov-03
Date Reported : 17-Nov-03
Date Received : 17-Nov-03
Field : Helper
Lease : Federal 44-6D
Location : 44-6D
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	4,640	mg/l
Magnesium :	486	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	526.0	mg/l
Sodium :	28591	mg/l

ANIONS

Chloride :	47,000	mg/l
Carbonate :	0	mg/l
Bicarbonate :	4,648	mg/l
Sulfate :	5,435	mg/l mg/l mg/l

pH (field) :	6.97		**Specific Gravity :**	1.065	grams/ml
Temperature :	85	degrees F	**Total Dissolved Solids :**	91,326	ppm
Ionic Strength :	1.52		**CO2 in Water :**	686	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters	**H2S in Water :**		mg/l
Ammonia :		ppm	**Dissolved Oxygen :**		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.93	Calcite PTB :	1513.6
Calcite (CaCO3) SI @ 100 F :	1.08	Calcite PTB @ 100 F :	1664.1
Calcite (CaCO3) SI @ 120 F :	1.29	Calcite PTB @ 120 F :	1846.4
Calcite (CaCO3) SI @ 140 F :	1.51	Calcite PTB @ 140 F :	2008.9
Calcite (CaCO3) SI @ 160 F :	1.74	Calcite PTB @ 160 F :	2147.5
Calcite (CaCO3) SI @ 180 F :	1.97	Calcite PTB @ 180 F :	2254.5
Calcite (CaCO3) SI @ 200 F :	2.21	Calcite PTB @ 200 F :	2345.6
Gypsum (CaSO4) SI :	0.33	Gypsum PTB :	1256.4
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

Water Analysis Report

Customer : **Westport Oil & Gas**

Address :
City :
State : UT **Postal Code :**
Attention :
cc1 :
cc2 :

Comments : Windgate Formation

Date Sampled : 14-Nov-03
Date Reported : 17-Nov-03
Date Received : 17-Nov-03
Field : Helper
Lease : Federal 44-6D
Location : 44-6D
Sample Point : wellhead

Salesman : Ed Schwarz

Analyst : Karen Hawkins Allen

CATIONS

Calcium :	2,840	mg/l
Magnesium :	875	mg/l
Barium :	0	
Strontium :	0	mg/l
Iron :	170.0	mg/l
Sodium :	45138	mg/l

ANIONS

Chloride :	72,000	mg/l
Carbonate :	0	mg/l
Bicarbonate :	3,660	mg/l
Sulfate :	4,135	mg/l mg/l mg/l

pH (field) :	6.89		**Specific Gravity :**	1.100	grams/ml
Temperature :	85	degrees F	**Total Dissolved Solids :**	128,818	ppm
Ionic Strength :	2.18		**CO2 in Water :**	440	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters			
			H2S in Water :		mg/l
Ammonia :		ppm	**Dissolved Oxygen :**		ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	0.77	Calcite PTB :	989.5
Calcite (CaCO3) SI @ 100 F :	0.93	Calcite PTB @ 100 F :	1125.3
Calcite (CaCO3) SI @ 120 F :	1.14	Calcite PTB @ 120 F :	1290.2
Calcite (CaCO3) SI @ 140 F :	1.36	Calcite PTB @ 140 F :	1426.0
Calcite (CaCO3) SI @ 160 F :	1.58	Calcite PTB @ 160 F :	1547.3
Calcite (CaCO3) SI @ 180 F :	1.81	Calcite PTB @ 180 F :	1649.1
Calcite (CaCO3) SI @ 200 F :	2.05	Calcite PTB @ 200 F :	1738.8
Gypsum (CaSO4) SI :	-0.03	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

Saturation Index Calculations

Champion Technologies, Inc.
(Based on the Tomson-Oddo Model)

11/18/2003

Westport Oil & GAS L.P.
Utah Helper Field

		Sample Date	Comments
Brine No. 1:	Fed 44-6D Navajo Formation	November 14, 2003	
Brine No. 2:	Fed 44-6d	November 14, 2003	
Brine No. 3:	Tail Gas Open Drain		
Brine No. 4:	Process Open Drain		

Component	Brines				Mixing Ratio as %									
	Brine 1				10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	0.0
		Brine 2			90.0	80.0	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0
			Brine 3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Brine 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calcium; mg/liter	4,640	2,840	0	0	3,020	3,200	3,380	3,560	3,740	3,920	4,100	4,280	4,460	#DIV/0!
Magnesium; mg/liter	486	875	0	0	836	797	758	719	681	642	603	564	525	#DIV/0!
Barium; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Strontium; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Carbonate; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Bicarbonate; mg/liter	4,648	3,660	0	0	3,759	3,858	3,956	4,055	4,154	4,253	4,352	4,450	4,549	#DIV/0!
Sulfate; mg/liter	5,435	4,135	0	0	4,265	4,395	4,525	4,655	4,785	4,915	5,045	5,175	5,305	#DIV/0!
Chloride; mg/liter	47,000	72,000	0	0	69,500	67,000	64,500	62,000	59,500	57,000	54,500	52,000	49,500	#DIV/0!
Measured pH	6.97	6.89	0.00	0.00	6.90	6.91	6.91	6.92	6.93	6.94	6.95	6.95	6.96	#DIV/0!
Ionic Strength	1.71	2.33	0	0	2.27	2.21	2.14	2.08	2.02	1.96	1.90	1.83	1.77	#DIV/0!
Temperature (°F)	85	85	0	0	85	85	85	85	85	85	85	85	85	#DIV/0!
Pressure (psia)	100	100	0	0	100	100	100	100	100	100	100	100	100	#DIV/0!
Saturation Index														
Calcite	1.24	0.81	N/A	N/A	0.86	0.90	0.95	0.99	1.03	1.08	1.12	1.16	1.20	#VALUE!
Gypsum	0.31	-0.04	N/A	N/A	0.00	0.04	0.08	0.12	0.15	0.19	0.22	0.25	0.28	#VALUE!
Hemihydrate	0.30	-0.07	N/A	N/A	-0.03	0.01	0.05	0.09	0.12	0.16	0.20	0.23	0.26	#VALUE!
Anhydrite	0.17	-0.12	N/A	N/A	-0.09	-0.05	-0.02	0.01	0.04	0.06	0.09	0.12	0.14	#VALUE!
Barite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
P(Pounds Per) **T**(Thousand) **B**(Barrels)														
Calcite	1806.8	1023.4	N/A	N/A	1103.8	1180.5	1270.0	1337.6	1418.0	1499.6	1582.5	1652.0	1729.1	#VALUE!
Gypsum	1210.4	N/A	N/A	N/A	N/A	160.7	288.4	464.1	560.9	727.4	854.7	962.9	1097.0	#VALUE!
Hemihydrate	1000.6	N/A	N/A	N/A	N/A	33.9	173.7	284.6	400.2	520.4	663.8	773.2	865.9	#VALUE!
Anhydrite	563.1	N/A	N/A	N/A	N/A	N/A	N/A	33.4	136.5	209.2	284.6	398.9	479.9	#VALUE!
Barite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!

Saturation Index Calculations

Champion Technologies, Inc.

(Based on the Tomson-Oddo Model)

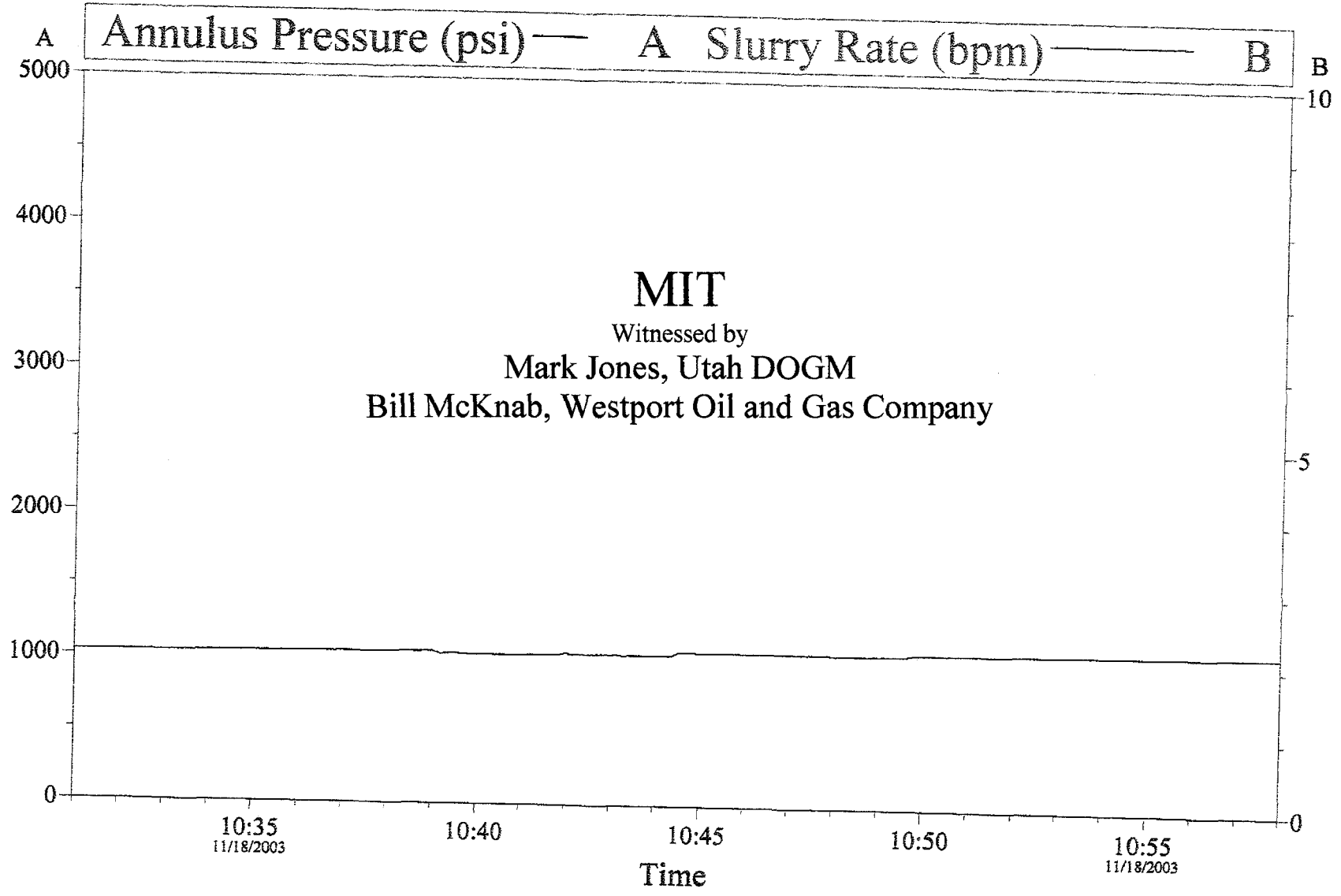
11/18/2003

Westport Oil & GAS L.P.

Utah Helper Field

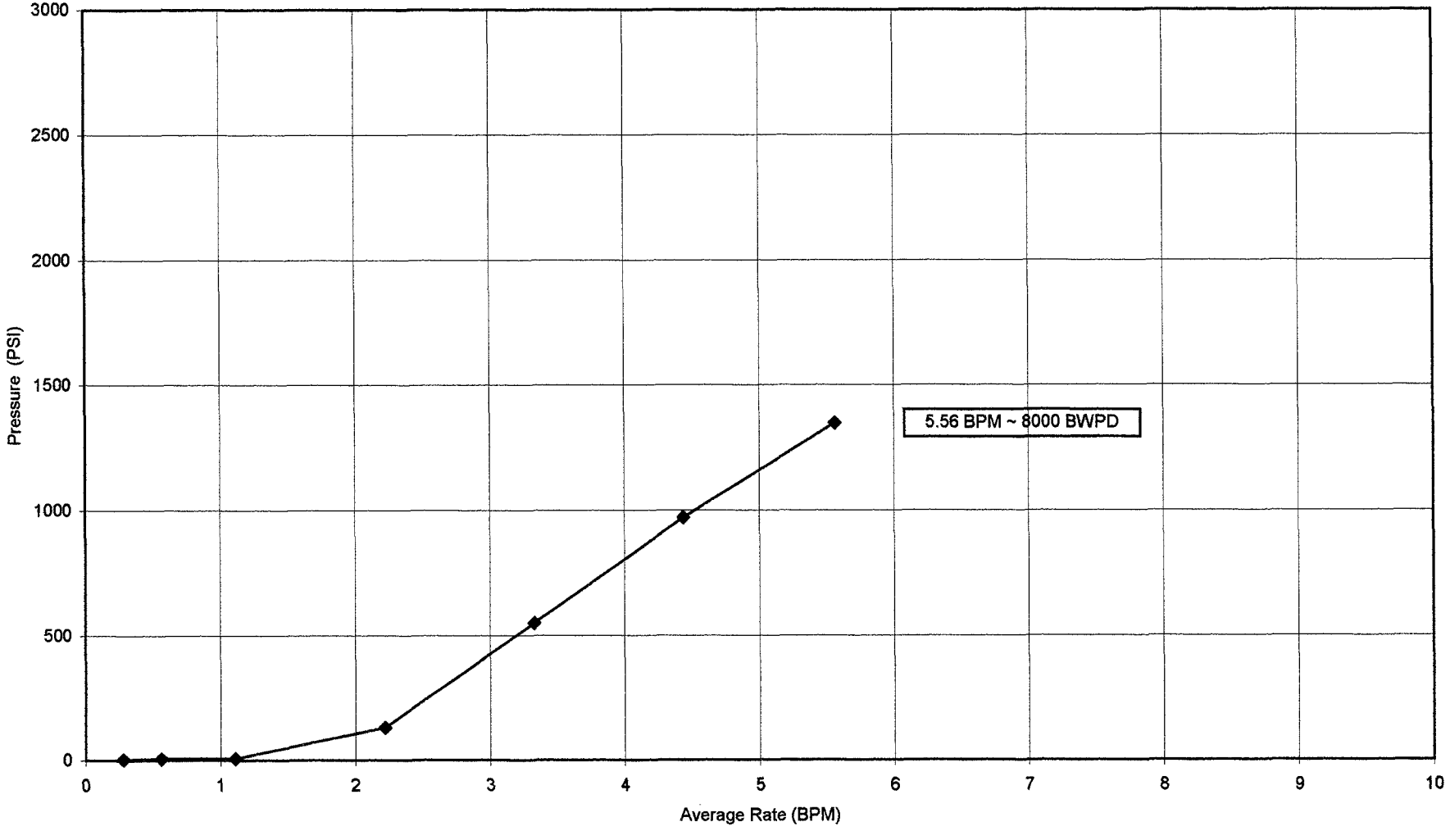
	Sample Date	Comments
Brine No. 1: Fed 44-6D Navajo Formation	November 14, 2003	Anadarko wells are off-set wells to Westport's Fed 44-6D
Brine No. 2: Fed 44-6d	November 14, 2003	
Brine No. 3: Anadarko Helper Fed G-8		
Brine No. 4: Anadarko Goodall A-1		

Component	Brines				Mixing Ratio as %									
	Brine 1				10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	0.0
		Brine 2			20.0	30.0	40.0	10.0	0.0	20.0	10.0	10.0	10.0	0.0
			Brine 3		30.0	40.0	10.0	20.0	25.0	10.0	10.0	0.5	0.0	0.0
				Brine 4	40.0	10.0	20.0	30.0	25.0	10.0	10.0	0.5	0.0	0.0
Calcium; mg/liter	4,640	2,840	344	160	1,199	1,934	2,594	2,257	2,446	3,402	3,582	4,394	4,460	#DIV/0!
Magnesium; mg/liter	486	875	253	44	317	465	530	346	317	496	457	525	525	#DIV/0!
Barium; mg/liter	0	0	0	92	37	9	18	28	23	9	9	1	0	#DIV/0!
Strontium; mg/liter	0	0	0	35	14	4	7	11	9	4	4	0	0	#DIV/0!
Carbonate; mg/liter	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Bicarbonate; mg/liter	4,648	3,660	5,978	6,100	5,430	5,029	4,676	5,251	5,344	4,729	4,827	4,555	4,549	#DIV/0!
Sulfate; mg/liter	5,435	4,135	188	213	1,512	2,424	3,346	2,689	2,818	4,128	4,258	5,235	5,305	#DIV/0!
Chloride; mg/liter	47,000	72,000	13,400	10,360	27,264	37,396	46,312	31,788	29,440	44,976	42,476	49,361	49,500	#DIV/0!
Measured pH	6.97	6.89	7.35	7.50	7.28	7.15	7.08	7.20	7.20	7.05	7.05	6.97	6.96	#DIV/0!
Ionic Strength	1.71	2.33	0.48	0.4	0.94	1.27	1.57	1.13	1.08	1.58	1.52	1.76	1.77	#DIV/0!
Temperature (°F)	85	85	85	85	85	85	85	85	85	85	85	85	85	#DIV/0!
Pressure (psia)	100	100	100	100	100	100	100	100	100	100	100	100	100	#DIV/0!
Saturation Index														
Calcite	1.24	0.81	1.10	1.01	1.23	1.16	1.13	1.34	1.40	1.21	1.26	1.20	1.20	#VALUE!
Gypsum	0.31	-0.04	-1.92	-2.12	-0.66	-0.33	-0.11	-0.20	-0.14	0.09	0.13	0.27	0.28	#VALUE!
Hemihydrate	0.30	-0.07	-1.82	-2.01	-0.63	-0.32	-0.12	-0.18	-0.12	0.07	0.12	0.25	0.26	#VALUE!
Anhydrite	0.17	-0.12	-2.18	-2.39	-0.88	-0.52	-0.27	-0.40	-0.35	-0.07	-0.04	0.13	0.14	#VALUE!
Barite	N/A	N/A	N/A	2.43	2.40	1.86	2.22	2.42	2.38	2.00	2.02	0.80	N/A	#VALUE!
Celestite	N/A	N/A	N/A	-0.79	-0.69	-1.19	-0.81	-0.65	-0.70	-1.03	-1.01	-2.21	N/A	#VALUE!
P(Pounds Per) **T**(Thousand) **B**(Barrels)														
Calcite	1806.8	1023.4	272.6	125.2	923.7	1301.1	1462.2	1576.4	1704.4	1690.9	1786.5	1726.0	1729.1	#VALUE!
Gypsum	1210.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	310.6	448.5	1060.1	1097.0	#VALUE!
Hemihydrate	1000.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	215.7	346.6	835.5	865.9	#VALUE!
Anhydrite	563.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	437.4	479.9	#VALUE!
Barite	N/A	N/A	N/A	53.6	21.1	5.2	10.5	15.7	13.0	5.2	5.2	0.2	N/A	#VALUE!
Celestite	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	#VALUE!



Customer: WESTPORT OIL AND GAS Well Description: WELLINGTON FEDERAL 44-6	Job Date: 1118/03 UWI:	Ticket #: 2777183	HALLIBURTON StimWin v4.6.0 18-Nov-03 11:03

WESTPORT OIL AND GAS COMPANY
WELLINGTON FEDERAL #44-6 SWD
STEP RATE TEST



WESTPORT OIL AND GAS COMPANY L.P.

WELLINGTON FEDERAL 44-6 SWD
SE SE Section 6 T14S R11E
Carbon County, Utah

API No: 43-007-30912

STEP RATE TEST DATA

Step No	Step Length (Min)	Average Rate (BPM)	Pressure (PSI)
1	30	0.28	4
2	30	0.56	7
3	30	1.11	7
4	30	2.22	131
5	30	3.33	550
6	30	4.44	973
7	30	5.56	1347

WESTPORT OIL AND GAS COMPANY L.P.

WELLINGTON FEDERAL 44-6 SWD
SE SE Section 6 T14S R11E
Helper Field
Carbon County, Utah

API No: 43-007-30912

CASING DETAIL

		CASING DATA						CEMENT DATA						
TYPE	HOLE SIZE	CASING SIZE	WEIGHT (LB/FT)	GRADE	THREAD	SETTING DEPTH	NO OF STAGES		WEIGHT (PPG)	YIELD (CU FT/SK)	NO OF SX	DESCRIPTION	CEMENT TOP
Conductor	24"	20"				40'	1					5 yards of 6 sk ready-mix	Surface
Surface	17-1/2"	13-3/8"	48	H-40	ST&C	446'	1		15.6	1.18	475	Class G wsith 2% CaCl2 Circulated 12 sx to surface	Surface
Intermediate	12-1/4"	9-5/8"	40	J-55	ST&C	2,659'	1	Lead	11	3.86	325	HIFIL with 0.25 lb/sk Flocele, 1% EX-1, 10 lb/sk Flocele, 16% Gel, 2% HR-7, 3% Salt	Surface
								Tail	14.2	1.6	285	Premium Plus with 0.25 lb/sk Flocele, 10% CalSeal, 1% CaCl2 Circulated 45 sx to surface	
Production	8-3/4"	7"	26	J-55	LT&C	6,369'	2	Stage 1 lead	12.5	1.94	275	50-50 Pozmix with 8% Gel, 8% CalSeal, 0.25 lb/sk Flocele	3,060'
				STAGE TOOL SET AT 4,335'				Stage 1 Tail	14.3	1.18	260	50-50 Pozmix with 2% Gel, 0.25 lb/sk Flocele, 0.4% Halad 344	from CBL
								Stage 2 Lead	12.5	1.94	275	50-50 Pozmix with 8% Gel, 8% CalSeal, 0.25 lb/sk Flocele	
								Stage 2 Tail	15.8	1.18	125	Prem AG Class G with 1% CaCl2, 0.25 lb/sk Flocele	
Tubing		3-1/2"	9.3	J-55	EUE 8rd	5,575'		Baker Model A-5 :LokSet Packer set at 5,575'					

FORM 3160-4
(July, 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.: UTU-80561

6. INDIAN ALLOTTEE OR TRIBE NAME:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RES. [ ] OTHER SWD (Will Convert)

7. UNIT AGREEMENT:

8. FARM OR LEASE NAME: Wellington Federal 44-06 SWD

2. NAME OF OPERATOR: Westport Oil and Gas Company, L. P.

9. API WELL NO.: 43-007-30912

3. ADDRESS OF OPERATOR: 1670 Broadway, Suite 2800, Denver, CO 80202-4800

10. FIELD NAME: Helper

4. LOCATION OF WELL, Show quarter-quarter description and footage measurements

At surface: SESE 937' FSL, 658' FEL

11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA: S.L.B.&M.

At top prod. interval, reported below

6 T14S R11E

At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
		Carbon	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)*	19. ELEV. CASINGHEAD
10/9/2003	11/4/2003	12/8/2003	6086'	

20. Total Depth (MD & TVD)	21. Plug back T.D. (MD & TVD)	22. If Multiple Compl., How Many*	23. ROTARY TOOLS	CABLE TOOLS
6360'	6364			

24. PRODUCING INTERVAL (S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD): Navajo-disposing

25. WAS DIRECTIONAL SURVEY MADE:

26. ~~TYPE~~ ELECTRIC AND OTHER LOGS RUN (Circle those filed): DIL/GL w/ GR & CNDL/GR GR-CCL-CBL Rec 2-3-04

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	60/F-25	40'	24"	135 sxs redi-mix	
13.375"	48/J-55	450'	17.5"	475 sxs Type 5 w/ additives	
9.625"	40/J-55	2658	12.25"	325 sxs Type 5, 285 sxs Prem Plus w/ additives	
7"	26/N-80	6360'	8.75"	360 sxs 50/50 POZ, 400 sxs 50/50 POZ & Prem AG300 Class G	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3.5	5575'	

31. PERFORATION RECORD (Interval, size, and number)

6102'-6160' 3 3/8" perf gun
5696'-6160' 3 3/8"
Total 208', 832 holes @ 4 JSPF in 13 runs
See attached for details

32. ACID, SHOT, Depth Set (MD)

DEPTH INTERVAL (MD)	Amt. & Kind of Material Used
5696'-6160'	10,000 gals 15% HCL in 5 stages of 2,000 gals each. Ran 3000# rock salt plug between each acid stage.

33. PRODUCTION

DATE FIRST PRODUCTION	Producing Method (Flowing, gas, lift, pumping- size & type of pump)	WELL STATUS (p prod. or shut-in)
12/8/2003	Well on vacuum	S

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD >>>-->	OIL, BBLS	GAS, MCF	WATER- BBL	GAS-OIL RATIO

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24- HOUR RATE >>>-->	OIL, BBLS	GAS, MCF	WATER- BBL	OIL GRAVITY- API

34. DISPOSITION OF GAS (Sold, used for fuel, vented, ect.)

Test Witnessed By

35. LIST OF ATTACHMENTS

Wellbore Diagram Attached w/ detailed information

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [signature] TITLE Senior Production Engineer DATE January 30, 2004

*See Instructions and Spaces for Additional Data on Reverse Side

RECEIVED
FEB 03 2004
DIV. OF OIL, GAS & MINING

17. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

TOP	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos	0	
Bentonite Marker	2008'	
Ferron	2008'	
Tununk	2241'	
Dakota	2537'	
Morrison	3234'	
Curtis	4249'	
Entrada	4404'	
Carmel	5034'	
Navajo	5687'	
Kayenta	6049'	
Wingate	6099'	

Wellington Federal 44-06 SWD Perforation Information API No. 43-007-30912

11/14/2003 Perfs		Ft	No. of Holes	
6146	6160	14	56	
6134	6146	12	48	
6102	6114	12	48	
		38	152	Total Feet & Number of Holes

Total perfs in Wingate 6102-6160 38' w/ 152 holes @ 4 JSPF in 3 runs

6042	6048	6		Total of 22' with 88 holes
6022	6026	4		
5998	6010	12		
5947	5959	12	48	
5959	5980	21	84	
5876	5896	20	80	
5896	5927	31	124	
5853	5872	19	76	
5807	5812	5	20	
5783	5797	14	56	
5706	5722	16	64	
5696	5706	10	40	
		170	680	Total Feet & Number of Holes

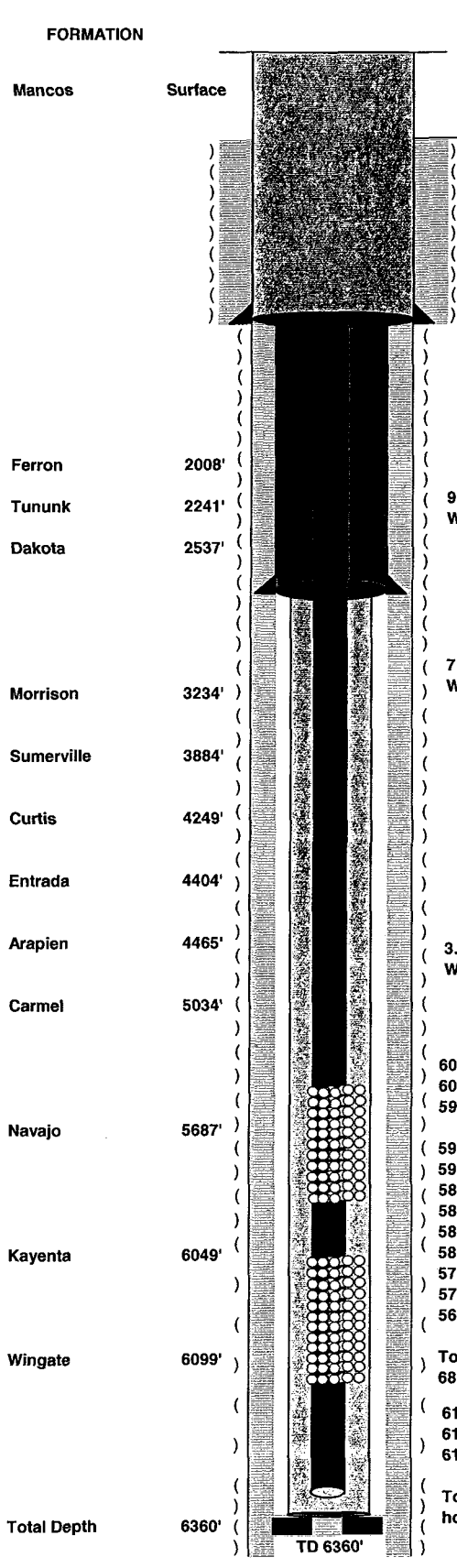
Total perfs in Navajo 5696'-6048' 170' w/ 680 holes @ 4 JSPF in 10 runs

Total perfs 208' net, 832 holes in 13 runs.

WELLBORE DIAGRAM

Operator:	WESTPORT OIL AND GAS COMPANY, L. P.
Well Name:	WELLINGTON FEDERAL 44-6 SWD
Lease Serial No.:	UTU-80561
Location:	Sec. 6: T 14 S - R 11 E SESE
Field:	Helper
County:	Carbon
API Number:	43-007-30912

937' FSL, 658' FSL
SPUD: OCTOBER 10, 2003



20" Conductor Pipe set @ 40', 40' TD
Weight 60# Grade F-25 24" Hole Diameter

10/8/03 Cement with 135 sxs redi-mix

13.375" Surface Casing set @ 445.65' / 450' TD, Weight 48#, Grade J-55 17.5" Hole Diameter

10/12/03 Cement with Halliburton with the following: Stage 1
Pump 20 bbls wtr, 20 bbls gelled wtr w/ flocele, 90 bbls wtr to break circ. Mix & pump 475 sxs Type 5 cmt w/ 2% CC, .025#/sx flocele, Class G @ 15.6# gal. Yield 1.18 cfs.

9.625" Intermediate Casing set @ 2658' / 2660' TD.
Weight 40# Grade J-55 12.25" Hole Diameter

10/23/03 Cement with Halliburton with the following: Stage 1
Lead: 325 sxs, 16% gel, 1% EX-1, .7% HR-7, 3% salt (bwow), .25/sx flocele, 3#/granulite, 5#/sx gilsonite, HIFL, 11# gal, Yield 3.86 cfs.
Tail: 285 sxs, 10% Calseal, 1% CC, .25#/sx flocele, Prem Plus, 14.2# gal. Yield 1.6 cfs

7" Production Casing set @ 6358.54' / 6360' TD.
Weight 26# Grade N-80 8.75" Hole Diameter

11/6/03 Cement with Halliburton with the following:
Stage 1:
Lead: 100 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94, 12.5# gal.
Tail: 260 sxs 50/50 Pozmix, 2% Gel, .25#/sx flocele, .4% Halad-344, Pozmix, Yield 1.18 cfs, 14.3# gal.
Stage 2:
Lead 275 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94 cfs, 12.5# gal.
Tail: 125 sxs Prem-AG 300, Class G Yield 1.16 cfs, 15.8# gal.

3.5" Tubing set @ 5575'
Weight 9.30 Grade J-55

PERFORATIONS 11/14/2003
Baker Atlas 3 3/8" Perf Guns 4spf, 90 degree phasing, open

6042-6048
6022-6026
5998-6010 Total 22' 88 Holes

5947-5959 12' 48 Holes
5959-5980 21' 84 Holes
5876-5896 20' 80 Holes
5896-5927 31' 124 Holes
5853-5872 19' 76 Holes
5807-5812 5' 20 Holes
5783-5797 14' 56 Holes
5706-5722 16' 64 Holes
5696-5706 10' 40 Holes

Total perfs in Navajo 5696-6048 170' w/ 680 holes @ 4 JSPF in 10 runs

6146-6160 14' 56 Holes
6134-6146 12' 48 Holes
6102-6114 12' 48 Holes

Total perfs in Wingate 6102-6160 38' w/ 152 holes @ 4 JSPF in 3 runs

11/16/03 Halliburton
Acidize Navajo and Wingate perforations w/ *1000 gals* 15% HCL *in 5 stages of* 2000 gals each. Ran 3000# rock salt plug between each acid stage. Flushed w/ 200 bbls formation broke @ 2450 psi-2100 psi @ 6 BPM, broke to 950 psi when acid hit formation. Released and reset packer @ 5668'. Resumed w/ 4 acid stages and 3 salt plugs @ 8 BPM, pressure varied from 1000 psi to 2375 psi. Good action when salt plugs hit formation. Displaced w/ 200 bbls water @ 8 BPM @ 2200 psi. Pumped 100 bbls and increased rate to 11 BPM, pressure increased to 3225 psi. ISIP 675 psi, 5 min 250 psi, 10 min 90 psi, 15 min 10 psi. Well on vac in 16 mins.

WESTPORT OIL AND GAS COMPANY, L.P.

1670 Broadway Suite 2800 Denver Colorado 80202
Telephone: 303 573 5404 Fax: 303 573 5609

January 30, 2004

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attn: Carol Daniels

RE: Form 8 and BLM Well Completion Reports
Township 13S & 14S – Range 11E S.L.B.&M.

ML-48135	North Bench State 12-32	API # 4300730908
ML-48135	North Bench State 23-32	API # 4300730909
ML-48135	North Bench State 32-32	API # 4300730910
UTU-80560	Wellington Federal 32-05	API # 4300730846
UTU-80561	Wellington Federal 22-06	API # 4300730917
UTU-80561	Wellington Federal 32-06	API # 4300730895
UTU-80561	Wellington Federal 43-06	API # 4300730918
UTU-80561	Wellington Fed 44-06 SWD	API # 4300730912

Carbon County, Utah

Dear Ms. Daniels:

Please find enclosed, submitted in duplicate, either Form 8 or the BLM form "Well Completion Reports" for the above referenced wells for your consideration and approval. Each report is accompanied by an attachment detailing information which could not be adequately typed into the small areas on the forms.

I want to thank you in advance for your patience in these matters. Should any questions arise, please do not hesitate contacting the undersigned.

Very truly yours,
WESTPORT OIL AND GAS COMPANY, L. P.

Debby J. Black

Debby J. Black
Engineering Technician
dblack@westportresourcescorp.com
303-575-0113

djb
encl:
Note: Logs were previously submitted to authorities via the logging company.

RECEIVED
FEB 0 3 2004
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY L.P.

WELLINGTON FEDERAL 44-6 SWD
SE SE Section 6 T14S R11E
Helper Field
Carbon County, Utah

API No: 43-007-30912

CASING DETAIL

	CASING DATA							CEMENT DATA					
TYPE	HOLE SIZE	CASING SIZE	WEIGHT (LB/FT)	GRADE	THREAD	SETTING DEPTH	NO OF STAGES		WEIGHT (PPG)	YIELD (CU FT/SK)	NO OF SX	DESCRIPTION	CEMENT TOP
Conductor	24"	20"				40'	1					5 yards of 6 sk ready-mix	Surface
Surface	17"	13-3/8"	48	H-40	ST&C	446'	1		15.6	1.18	475	Class G wsith 2% CaCl2 Circulated 12 sx to surface	Surface
Intermediate	12-1/4"	9-5/8"	40	J-55	ST&C	2,659'	1	Lead	11	3.86	325	HIFIL with 0.25 lb/sk Flocele, 1% EX-1, 10 lb/sk Flocele, 16% Gel, 2% HR-7, 3% Salt	Surface
								Tail	14.2	1.6	285	Premium Plus with 0.25 lb/sk Flocele, 10% CalSeal, 1% CaCl2 Circulated 45 sx to surface	
Production	8-3/4"	7"	26	J-55	LT&C	6,369'	2	Stage 1 lead	12.5	1.94	275	50-50 Pozmix with 8% Gel, 8% CalSeal, 0.25 lb/sk Flocele	3,060'
				STAGE TOOL SET AT 4,335'				Stage 1 Tail	14.3	1.18	260	50-50 Pozmix with 2% Gel, 0.25 lb/sk Flocele, 0.4% Halad 344	from CBL
								Stage 2 Lead	12.5	1.94	275	50-50 Pozmix with 8% Gel, 8% CalSeal, 0.25 lb/sk Flocele	
								Stage 2 Tail	15.8	1.18	125	Prem AG Class G with 1% CaCl2, 0.25 lb/sk Flocele	
Tubing		3-1/2"	9.3	J-55	EUE 8rd	5,575'		Baker Model A-5 :LokSet Packer set at 5,575'					

275
260
135
5

Memo to File
3/11/04

Westport O&G Wellington Federal 44-6
4300730912

Owing to an inclusive earlier step rate test and the proximity of an impending winter closure deadline, the Division elected to allow Westport to inject across the winter closure period to fill the reservoir to improve the likelihood of obtaining a more conclusive test. A signed approval to convert letter was mailed to Dave Gomendi of Westport, but no final permit was issued pending receipt of an acceptable step rate test. Bill McKnab will return to the well around 4/20/04 (after winter closure is lifted) to redo the test and thereby earn the final permit. As it stands at this time, the operator is injecting with Division permission towards obtaining a final permit and, by design, there is currently no signed final permit in the file.

Christopher J. Kierst

State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-309

Operator: Westport Oil and Gas Company

Wells: Wellington Federal 44-6

Location: Section 6, Township 14 South, Range 11 East (SLBM)

County: Carbon

API No.: 43-007-30912

Well Type: Salt Water Disposal Well

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 24, 2003
2. Maximum Allowable Surface Pressure: 910 psi.
3. Corresponding Injection Rate: 7.25 BPM (limited by pressure)
4. Injection Interval: Perforations between 5,696' and 6,160'in the Navajo Sandstone and Wingate Sandstone.

In chron. order
7/12/04
jc

Approved by: John R. Baza — 6/16/04

John R. Baza
Associate Director

Date

jc

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Price
Carbon County Planning

W E STPORT OILAND GAS COMPANY, L. P.

1670 Broadway Suite 2800 Denver, Colorado 80202-4800
Telephone: 303 573-5404 Fax: 303 607-3419

RECEIVED
MAY 14 2004
DIV. OF OIL, GAS & MINING

May 12, 2004

State of Utah
Department of Natural Resources Division of Oil, Gas and Mining
Mr. John R. Baza, Associate Director
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Wellington Federal 44-06 SWD, 937' FSL & 658' FEL, SE/SE Sec. 6-T14S-R11E (SLBM), Carbon Co., Utah
43-007-30912

Dear Mr. Baza;

On November 25, 2003, Westport Oil and Gas Company received approval to convert the referenced well to a Class II injection well. Following receipt of this approval, the well was placed into service in early December of 2003. To date, approximately 445,000 bbls of water have been injected into the wellbore.

This well is located in a winter wildlife refuge and is subject to certain limitations to operations from Dec. 1 to April 15 of each year. As a result, a step rate test was scheduled for late April to avoid the winter closure period. A step rate test was performed April 26-28.

Enclosed for your reference are copies of the completion notice, a list of formation depths, a list of the perforated intervals, a wellbore schematic, downhole and surface data collected during the step rate test.

To obtain data for the step rate test electronic recording pressure gauges were placed in the wellbore on wireline at approximately the mid-point of the perforations. A step rate test was performed wherein produced water was injected at various increasing rates, and rate and surface injection pressure data collected.

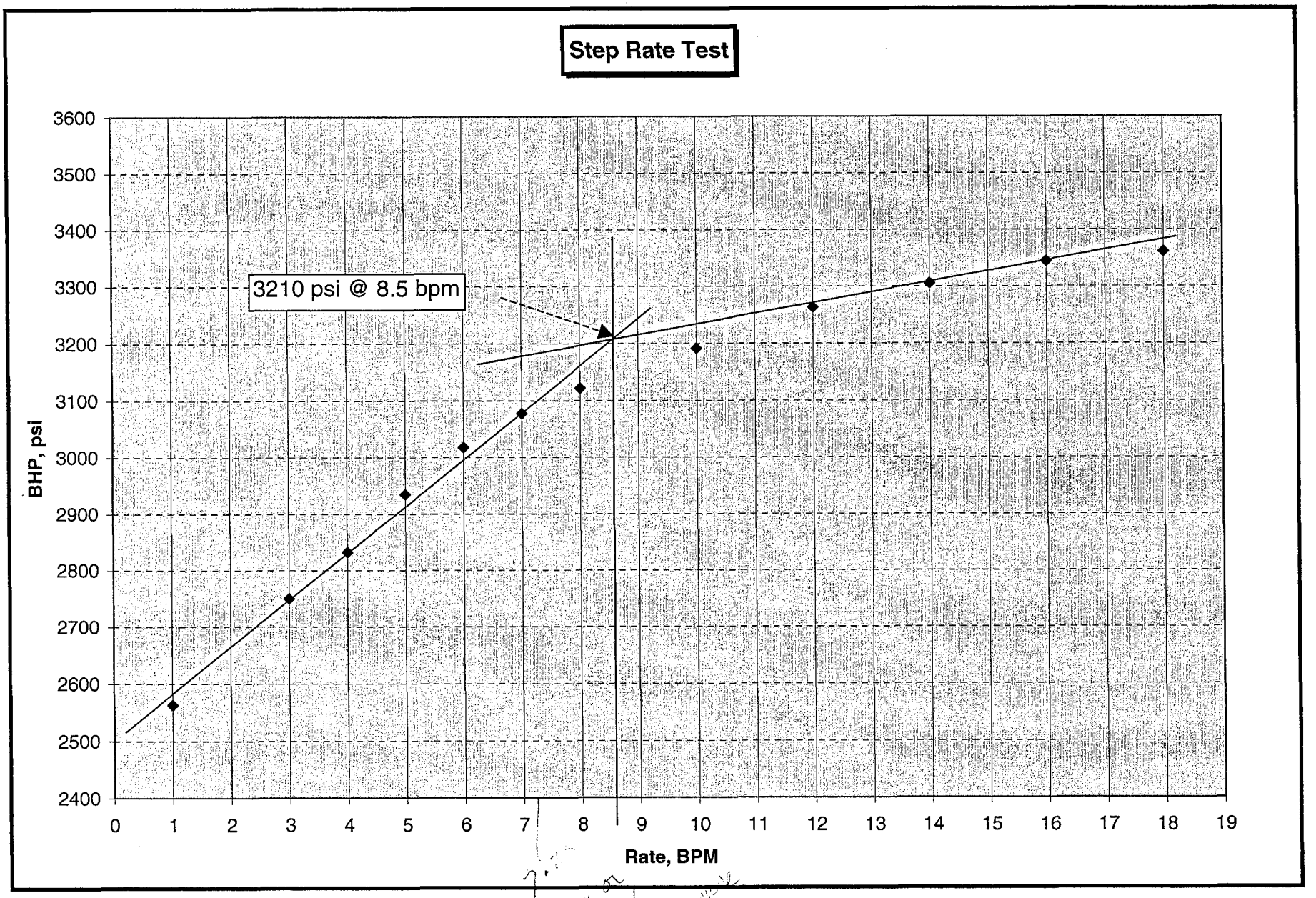
Based upon the information collected, the estimated parting pressure is 3210 psig. mid point reservoir pressure at an injection rate of approximately 8.5 BPM. This equates to a surface injection pressure of approximately 1,020 psig. Please refer to the graph titled Step Rate Test for details of this interpretation.

Based upon this data and interpretation, Westport Oil and Gas Company respectfully requests that the allowable limit for injection into this well be set at 7.25 BPM. The 7.25 BPM rate is approx. 85% of the parting pressure rate. Plotting this point on the BHP-rate graph indicates that this rate is below the intersection of the two slopes, and is in alignment with the slope of the lower rates, well below the formation parting point.

Thank you for your time and consideration in this matter.

Sincerely yours,

David Gomendi, P.E.
Senior Operations Engineer



≈3100# @ 96.5% the casing pressure (bottomhole) or ≈910# surface pressure

FORM 3160-4
(July, 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.: UTU-80561

6. INDIAN ALLOTTEE OR TRIBE NAME:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [ ] OTHER

TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RES. [ ] OTHER SWD

7. UNIT AGREEMENT:

8. FARM OR LEASE NAME: Wellington Federal 44-06 SWD

2. NAME OF OPERATOR: Westport Oil and Gas Company, L. P.

9. API WELL NO.: 43-007-30912

3. ADDRESS OF OPERATOR: 1670 Broadway, Suite 2800, Denver, CO 80202-4800

10. FIELD NAME: Helper

4. LOCATION OF WELL, Show quarter-quarter description and footage measurements

At surface: SESE 937' FSL, 658' FEL

11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA: S.L.B.&M.

At top prod. interval, reported below

6 T14S R11E

At total depth

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Carbon | 13. STATE: UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, etc.)*	19. ELEV. CASINGHEAD
10/9/2003	11/4/2003	12/8/2003	6086'	

20. Total Depth (MD & TVD)	21. Plug back T.D. (MD & TVD)	22. If Multiple Compl., How Many*	23. ROTARY TOOLS	CABLE TOOLS
6360'	6264'			

24. PRODUCING INTERVAL (S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD): Navajo-disposing

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed): DIL/GL w/ GR & CNDL/GR GR-CCL-CBL

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT.LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	60/F-25	40'	24"	135 sxs redi-mix	
13.375"	48/J-55	450'	17.5"	475 sxs Type 5 w/ additives	
9.625"	40/J-55	2658	12.25"	325 sxs Type 5, 285 sxs Prem Plus w/ additives	
7"	26/N-80	6360'	8.75"	360 sxs 50/50 POZ, 400 sxs 50/50 POZ & Prem AG300 Class G	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
3.5	5575'	

31. PERFORATION RECORD (Interval, size, and number)

6102'-6160' 3 3/8" perf gun
5696'-6160' 3 3/8"
Total 208', 832 holes @ 4 JSPF in 13 runs
See attached for details

32. ACID, SHOT, Depth Set (MD)

DEPTH INTERVAL (MD)	Amt. & Kind of Material Used
5696'-6160'	10,000 gals 15% HCL in 5 stages of 2,000 gals each. Ran 3000# rock salt plug between each acid stage.

33. PRODUCTION

DATE FIRST PRODUCTION	Producing Method (Flowing, gas, lift, pumping- size & type of pump)	WELL STATUS (p: prod. or shut-in)
12/8/2003	Well on vacuum	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD >>>-->	OIL, BBLS	GAS, MCF	WATER- BBL	GAS-OIL RATIO

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24- HOUR RATE >>>-->	OIL, BBLS	GAS, MCF	WATER- BBL	OIL GRAVITY- API

34. DISPOSITION OF GAS (Sold, used for fuel, vented, ect.)

Test Witnessed By

35. LIST OF ATTACHMENTS

Wellbore Diagram Attached w/ detailed information

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED _____ TITLE Senior Production Engineer DATE January 30, 2004

*See Instructions and Spaces for Additional Data on Reverse Side

17. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

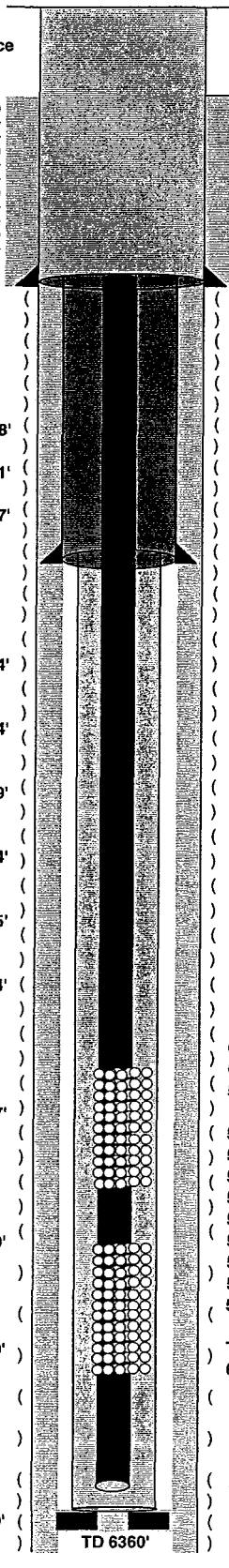
TOP	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos	0	
Bentonite Marker	2008'	
Ferron	2008'	
Tununk	2241'	
Dakota	2537'	
Morrison	3234'	
Curtis	4249'	
Entrada	4404'	
Carmel	5034'	
Navajo	5687'	
Kayenta	6049'	
Wingate	6099'	

WELLBORE DIAGRAM

Operator: WESTPORT OIL AND GAS COMPANY, L. P.
Well Name: WELLINGTON FEDERAL 44-6 SWD
Lease Serial No.: UTU-80561
Location: Sec. 6: T 14 S - R 11 E SESE
Field: Helper
County: Carbon
API Number: 43-007-30912
937' FSL, 658' FSL
SPUD: OCTOBER 10, 2003



20" Conductor Pipe set @ 40', 40' TD
Weight 60# Grade F-25 24" Hole Diameter

10/8/03 Cement with 135 sxs redi-mix

13.375" Surface Casing set @ 445.65' / 450' TD, Weight 48#, Grade J-55 17.5" Hole Diameter

10/12/03 Cement with Halliburton with the following: Stage 1
Pump 20 bbls wtr, 20 bbls gelled wtr w/ flocele, 90 bbls wtr to break circ. Mix & pump 475 sxs Type 5 cmt w/ 2% CC, .025#/sx flocele, Class G @ 15.6# gal. Yield 1.18 cfs.

9.625" Intermediate Casing set @ 2658' / 2660' TD.
Weight 40# Grade J-55 12.25" Hole Diameter

10/23/03 Cement with Halliburton with the following: Stage 1
Lead: 325 sxs, 16% gel, 1% EX-1, .7% HR-7, 3% salt (bwow), .25/sx flocele, 3#/ granulite, 5#/sx gilsonite, HIFL, 11# gal, Yield 3.86 cfs.
Tail: 285 sxs, 10% Calseal, 1% CC, .25#/sx flocele, Prem Plus, 14.2# gal. Yield 1.6 cfs

7" Production Casing set @ 6358.54' / 6360' TD.
Weight 26# Grade N-80 8.75" Hole Diameter

11/6/03 Cement with Halliburton with the following:
Stage 1:
Lead: 100 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94, 12.5# gal.
Tail: 260 sxs 50/50 Pozmix, 2% Gel, .25#/sx flocele, .4% Halad-344, Pozmix, Yield 1.18 cfs, 14.3# gal.
Stage 2:
Lead 275 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94 cfs, 12.5# gal.
Tail: 125 sxs Prem-AG 300, Class G Yield 1.16 cfs, 15.8# gal.

3.5" Tubing set @ 5575'
Weight 9.30 Grade J-55

PERFORATIONS 11/14/2003
Baker Atlas 3 3/8" Perf Guns 4spf, 90 degree phasing, open

6042-6048
6022-6026
5998-6010 Total 22' 88 Holes

5947-5959 12' 48 Holes
5959-5980 21' 84 Holes
5876-5896 20' 80 Holes
5896-5927 31' 124 Holes
5853-5872 19' 76 Holes
5807-5812 5' 20 Holes
5783-5797 14' 56 Holes
5706-5722 16' 64 Holes
5696-5706 10' 40 Holes

Total perfs in Navajo 5696-6048 170' w/ 680 holes @ 4 JSPF in 10 runs

6146-6160 14' 56 Holes
6134-6146 12' 48 Holes
6102-6114 12' 48 Holes

Total perfs in Wingate 6102-6160 38' w/ 152 holes @ 4 JSPF in 3 runs

11/16/03 **Halliburton**
Acidize Navajo and Wingate perforations w/ 1000 gals 15% HCL in 5 stages of 2000 gals each. Ran 3000# rock salt plug between each acid stage. Flushed w/ 200 bbls formation broke @ 2450 psi-2100 psi @ 6 BPM, broke to 950 psi when acid hit formation. Released and reset packer @ 5668'. Resumed w/ 4 acid stages and 3 salt plugs @ 8 BPM, pressure varied from 1000 psi to 2375 psi. Good action when salt plugs hit formation. Displaced w/ 200 bbls water @ 8 BPM @ 2200 psi. Pumped 100 bbls and increased rate to 11 BPM, pressure increased to 3225 psi. ISIP 675 psi, 5 min 250 psi, 10 min 90 psi, 15 min 10 psi. Well on vac in 16 mins.

Wellington Federal 44-06 SWD Perforation Information API No. 43-007-30912

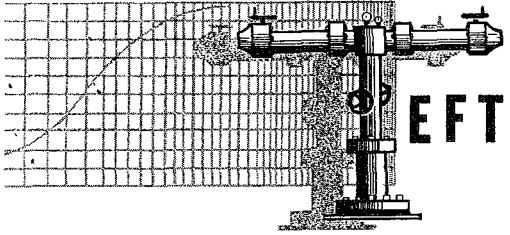
11/14/2003	Perfs		Ft	No. of Holes	
	6146	6160	14	56	
	6134	6146	12	48	
	6102	6114	12	48	
			38	152	Total Feet & Number of Holes

Total perfs in Wingate 6102-6160 38' w/ 152 holes @ 4 JSPF in 3 runs

6042	6048	6		
6022	6026	4		Total of 22' with 88 holes
5998	6010	12		
5947	5959	12	48	
5959	5980	21	84	
5876	5896	20	80	
5896	5927	31	124	
5853	5872	19	76	
5807	5812	5	20	
5783	5797	14	56	
5706	5722	16	64	
5696	5706	10	40	
		170	680	Total Feet & Number of Holes

Total perfs in Navajo 5696'-6048' 170' w/ 680 holes @ 4 JSPF in 10 runs

Total perfs 208' net, 832 holes in 13 runs.



BHP • BU • PI • DD • GWT • RFS • GOR • FL • TS

EFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO
GRAND JUNCTION, COLORADO

P. O. Box 1198
Farmington, New Mexico 87499
(505) 325-1731

Midland Fax (915) 694-7602
Farmington Fax (505) 325-1148
Grand Junction Fax (970) 241-7634

WESTPORT OIL AND GAS COMPANY, L.P.

WELLINGTON FEDERAL SWD NO. 44-06

APRIL 26 – 28, 2004

Serving the Permian Basin & Rocky Mountain Area

04/29/04
File Reference F121429.RED

Customer	WESTPORT OIL & GAS CO., L.P.
Street	1670 BROADWAY, SUITE 2800
City/State	DENVER, CO 80204
Country	USA
Service Company	TEFTELLER, INC.
Well Name	WELLINGTON FEDERAL SWD NO. 44-06
Well Location	CARBON COUNTY, UTAH
Field / Pool	WELLINGTON (WINGATE & NAVAJO)
Status (Oil, Gas, Other)	GAS
Test Type	STEP RATE TEST
Date of Test	4-26-04
Producing Interval	6052'-6160'/WINGATE; 5783'-6048'/NAVAJO
Recorder Depth	5972'
Recorder Position	5972'
Shut In Date Start:	4-26-2004
Stop:	4-28-2004
Duration:	51 HOURS TANDEM INSTRUMENT TIME
Bottom Hole Temperature	88 DEGREES

Gauge Identification

Gauge Manufacturer	MICRO-SMART SYSTEMS
Serial Number	121
Model Number	SP2000
Pressure Range	
Battery Type	
Calibration I.D.	
Last Calibration	5/24/ 3

Gauge Setup Parameters

Probe Set Up Time	4/26/ 4 15:15: 0
Time Delay to First Reading	
Test Type Selection	STEP RATE TEST
Test Duration Selection	51 HOURS TANDEM INSTRUMENT TIME

COMPANY: WESTPORT OIL & GAS CO., L.P.

DATE : 04/29/04

WELL NAME : WELLINGTON FEDERAL SWD NO. 44-06

FILE REF: F121429.RED

WELL LOCATION : CARBON COUNTY, UTAH

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/28	15:15:00	.0000	.01	96.48		
04/26	15:22:00	7.0000	.01	95.62	.00	
04/26	15:27:00	12.0000	.01	92.44	.00	
04/26	15:32:00	17.0000	.01	88.94	.00	
04/26	15:39:00	24.0000	.01	86.35	.00	
04/26	15:58:45	43.7500	11.19	85.50	11.18	
04/26	15:59:00	44.0000	34.53	84.86	23.33	T.I.H. W/TANDEM INSTRUMENTS
04/26	15:59:15	44.2500	55.41	84.21	20.89	
04/26	15:59:30	44.5000	74.61	83.57	19.20	
04/26	15:59:45	44.7500	96.74	82.92	22.13	
04/26	16:00:00	45.0000	121.33	82.28	24.59	
04/26	16:00:15	45.2500	146.89	81.63	25.57	
04/26	16:00:30	45.5000	170.28	80.99	23.38	
04/26	16:00:45	45.7500	199.05	80.35	28.77	
04/26	16:01:00	46.0000	229.30	79.71	30.25	
04/26	16:01:15	46.2500	261.05	79.09	31.75	
04/26	16:01:30	46.5000	272.92	78.67	11.87	
04/26	16:01:45	46.7500	293.11	78.25	20.19	
04/26	16:02:00	47.0000	311.34	77.83	18.24	
04/26	16:02:15	47.2500	329.34	77.41	18.00	
04/26	16:02:30	47.5000	346.11	76.99	16.78	
04/26	16:02:45	47.7500	363.87	76.57	17.76	
04/26	16:03:00	48.0000	381.88	76.15	18.01	
04/26	16:03:15	48.2500	399.65	75.74	17.77	
04/26	16:03:30	48.5000	417.67	75.31	18.02	
04/26	16:03:45	48.7500	436.66	74.89	19.00	
04/26	16:04:00	49.0000	454.21	74.48	17.54	
04/26	16:04:15	49.2500	473.11	74.24	18.90	
04/26	16:04:30	49.5000	491.63	74.13	18.52	
04/26	16:04:45	49.7500	510.89	74.03	19.26	
04/26	16:05:00	50.0000	530.39	73.92	19.50	
04/26	16:05:15	50.2500	550.13	73.81	19.74	
04/26	16:05:30	50.5000	569.63	73.70	19.50	
04/26	16:05:45	50.7500	587.92	73.60	18.28	
04/26	16:06:00	51.0000	607.42	73.49	19.50	
04/26	16:06:15	51.2500	626.43	73.38	19.01	
04/26	16:06:30	51.5000	646.42	73.27	19.99	
04/26	16:06:45	51.7500	666.92	73.17	20.49	
04/26	16:07:00	52.0000	686.67	73.06	19.75	
04/26	16:07:15	52.2500	706.99	73.06	20.32	
04/26	16:07:30	52.5000	727.37	73.14	20.39	
04/26	16:07:45	52.7500	747.75	73.23	20.38	
04/26	16:08:00	53.0000	767.40	73.31	19.64	
04/26	16:08:15	53.2500	786.56	73.40	19.16	
04/26	16:08:30	53.5000	806.44	73.48	19.89	
04/26	16:08:45	53.7500	826.09	73.57	19.65	
04/26	16:09:00	54.0000	845.98	73.65	19.89	
04/26	16:09:15	54.2500	865.63	73.74	19.65	
04/26	16:09:30	54.5000	886.49	73.82	20.86	
04/26	16:09:45	54.7500	907.12	73.91	20.63	
04/26	16:10:00	55.0000	927.98	73.99	20.86	
04/26	16:10:15	55.2500	948.88	74.12	20.90	
04/26	16:10:30	55.5000	970.28	74.28	21.41	
04/26	16:10:45	55.7500	991.19	74.43	20.91	
04/26	16:11:00	56.0000	1012.59	74.57	21.39	
04/26	16:11:15	56.2500	1034.23	74.73	21.65	
04/26	16:11:30	56.5000	1055.38	74.88	21.15	
04/26	16:11:45	56.7500	1076.29	75.03	20.90	
04/26	16:12:00	57.0000	1097.93	75.18	21.64	
04/26	16:12:15	57.2500	1119.07	75.33	21.15	
04/26	16:12:30	57.5000	1141.20	75.48	22.13	
04/26	16:12:45	57.7500	1162.59	75.63	21.39	
04/26	16:13:00	58.0000	1183.25	75.79	20.66	
04/26	16:13:15	58.2500	1204.16	75.94	20.90	
04/26	16:13:30	58.5000	1224.60	76.15	20.44	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/26	16:13:45	58.7500	1245.77	76.35	21.17	
04/26	16:14:00	59.0000	1266.21	76.55	20.44	
04/26	16:14:15	59.2500	1286.65	76.75	20.44	
04/26	16:14:30	59.5000	1307.09	76.96	20.44	
04/26	16:14:45	59.7500	1328.01	77.15	20.92	
04/26	16:15:00	60.0000	1348.20	77.36	20.19	
04/26	16:15:15	60.2500	1368.88	77.56	20.68	
04/26	16:15:30	60.5000	1389.80	77.76	20.92	
04/26	16:15:45	60.7500	1410.96	77.96	21.16	
04/26	16:16:00	61.0000	1431.64	78.17	20.68	
04/26	16:16:15	61.2500	1452.32	78.39	20.68	
04/26	16:16:30	61.5000	1473.75	78.62	21.42	
04/26	16:16:45	61.7500	1494.19	78.85	20.44	
04/26	16:17:00	62.0000	1515.12	79.08	20.93	
04/26	16:17:15	62.2500	1536.54	79.31	21.42	
04/26	16:17:30	62.5000	1556.73	79.54	20.19	
04/26	16:17:45	62.7500	1577.90	79.78	21.18	
04/26	16:18:00	63.0000	1598.34	80.01	20.44	
04/26	16:18:15	63.2500	1619.27	80.25	20.92	
04/26	16:18:30	63.5000	1640.19	80.48	20.92	
04/26	16:18:45	63.7500	1660.37	80.71	20.18	
04/26	16:19:00	64.0000	1680.80	80.94	20.43	
04/26	16:19:15	64.2500	1701.72	81.18	20.92	
04/26	16:19:30	64.5000	1721.45	81.47	19.73	
04/26	16:19:45	64.7500	1741.42	81.76	19.97	
04/26	16:20:00	65.0000	1762.11	82.04	20.70	
04/26	16:20:15	65.2500	1782.32	82.33	20.21	
04/26	16:20:30	65.5000	1802.04	82.62	19.72	
04/26	16:20:45	65.7500	1821.76	82.90	19.71	
04/26	16:21:00	66.0000	1841.71	83.18	19.96	
04/26	16:21:15	66.2500	1861.67	83.47	19.95	
04/26	16:21:30	66.5000	1879.92	83.76	18.25	
04/26	16:21:45	66.7500	1899.38	84.05	19.47	
04/26	16:22:00	67.0000	1919.09	84.34	19.71	
04/26	16:22:15	67.2500	1938.56	84.64	19.47	
04/26	16:22:30	67.5000	1957.76	84.90	19.20	
04/26	16:22:45	67.7500	1977.21	85.17	19.45	
04/26	16:23:00	68.0000	1996.89	85.43	19.69	
04/26	16:23:15	68.2500	2015.12	85.70	18.22	
04/26	16:23:30	68.5000	2034.80	85.96	19.68	
04/26	16:23:45	68.7500	2054.00	86.23	19.20	
04/26	16:24:00	69.0000	2073.19	86.49	19.19	
04/26	16:24:15	69.2500	2092.63	86.76	19.44	
04/26	16:24:30	69.5000	2110.59	87.02	17.97	
04/26	16:24:45	69.7500	2129.79	87.29	19.19	
04/26	16:25:00	70.0000	2148.73	87.55	18.94	
04/26	16:25:15	70.2500	2167.63	87.75	18.91	
04/26	16:25:30	70.5000	2185.81	87.95	18.17	
04/26	16:25:45	70.7500	2204.71	88.14	18.90	
04/26	16:26:00	71.0000	2222.86	88.32	18.16	
04/26	16:26:15	71.2500	2241.03	88.52	18.17	
04/26	16:26:30	71.5000	2258.71	88.71	17.68	
04/26	16:26:45	71.7500	2277.60	88.89	18.89	
04/26	16:27:00	72.0000	2294.30	89.09	16.70	
04/26	16:27:15	72.2500	2312.46	89.28	18.16	
04/26	16:27:30	72.5000	2330.86	89.47	18.40	
04/26	16:27:45	72.7500	2348.29	89.66	17.43	
04/26	16:28:00	73.0000	2367.18	89.85	18.89	
04/26	16:28:15	73.2500	2385.91	89.72	18.73	
04/26	16:28:30	73.5000	2404.84	89.51	18.94	
04/26	16:28:45	73.7500	2422.31	89.29	17.47	
04/26	16:29:00	74.0000	2439.79	89.08	17.47	
04/26	16:29:15	74.2500	2453.36	88.87	13.57	
04/26	16:29:30	74.5000	2463.51	88.65	10.15	
04/26	16:35:45	80.7500	2462.40	88.56	-1.10	TANDEM INST. @ 5972' KB; WELL SHUT IN

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/26	16:42:00	87.0000	2460.99	89.50	-1.41	
04/26	16:49:00	94.0000	2458.73	89.81	-2.26	
04/26	16:56:00	101.0000	2456.82	90.00	-1.91	
04/26	17:03:00	108.0000	2454.73	90.11	-2.10	
04/26	17:10:00	115.0000	2452.91	90.22	-1.81	
04/26	17:17:00	122.0000	2451.04	90.34	-1.87	
04/26	17:24:00	129.0000	2449.52	90.42	-1.53	
04/26	17:31:00	136.0000	2447.89	90.49	-1.63	
04/26	17:38:00	143.0000	2446.14	90.53	-1.75	
04/26	17:45:00	150.0000	2444.73	90.58	-1.41	
04/26	17:52:00	157.0000	2443.19	90.66	-1.54	
04/26	17:59:00	164.0000	2442.08	90.65	-1.11	
04/26	18:06:00	171.0000	2440.68	90.69	-1.40	
04/26	18:13:00	178.0000	2439.14	90.71	-1.54	
04/26	18:20:00	185.0000	2438.10	90.74	-1.03	
04/26	18:27:00	192.0000	2436.65	90.73	-1.46	
04/26	18:34:00	199.0000	2435.74	90.71	-.91	
04/26	18:41:00	206.0000	2434.52	90.76	-1.21	
04/26	18:48:00	213.0000	2433.55	90.76	-.98	
04/26	18:55:00	220.0000	2432.42	90.76	-1.13	
04/26	19:02:00	227.0000	2431.34	90.76	-1.08	
04/26	19:09:00	234.0000	2430.29	90.78	-1.05	
04/26	19:16:00	241.0000	2429.30	90.76	-.99	
04/26	19:23:00	248.0000	2428.40	90.74	-.90	
04/26	19:30:00	255.0000	2427.45	90.73	-.95	
04/26	19:37:00	262.0000	2426.58	90.71	-.87	
04/26	19:44:00	269.0000	2425.66	90.71	-.92	
04/26	19:51:00	276.0000	2424.73	90.72	-.93	
04/26	19:58:00	283.0000	2423.92	90.71	-.81	
04/26	20:05:00	290.0000	2423.05	90.71	-.88	
04/26	20:12:00	297.0000	2422.25	90.73	-.79	
04/26	20:19:00	304.0000	2421.49	90.69	-.77	
04/26	20:26:00	311.0000	2420.61	90.69	-.88	
04/26	20:33:00	318.0000	2419.86	90.68	-.75	
04/26	20:40:00	325.0000	2419.16	90.65	-.70	
04/26	20:47:00	332.0000	2418.43	90.64	-.72	
04/26	20:54:00	339.0000	2417.71	90.60	-.72	
04/26	21:01:00	346.0000	2416.94	90.62	-.76	
04/26	21:08:00	353.0000	2416.33	90.62	-.62	
04/26	21:15:00	360.0000	2415.63	90.61	-.69	
04/26	21:22:00	367.0000	2414.90	90.58	-.73	
04/26	21:29:00	374.0000	2414.22	90.54	-.68	
04/26	21:36:00	381.0000	2413.62	90.57	-.60	
04/26	21:43:00	388.0000	2413.03	90.52	-.58	
04/26	21:50:00	395.0000	2412.35	90.51	-.68	
04/26	21:57:00	402.0000	2411.77	90.49	-.58	
04/26	22:04:00	409.0000	2411.22	90.48	-.55	
04/26	22:11:00	416.0000	2410.55	90.47	-.67	
04/26	22:18:00	423.0000	2409.92	90.46	-.63	
04/26	22:25:00	430.0000	2409.40	90.45	-.53	
04/26	22:32:00	437.0000	2408.79	90.45	-.60	
04/26	22:39:00	444.0000	2408.26	90.42	-.53	
04/26	22:46:00	451.0000	2407.76	90.39	-.50	
04/26	22:53:00	458.0000	2407.14	90.42	-.62	
04/26	23:00:00	465.0000	2406.69	90.41	-.45	
04/26	23:07:00	472.0000	2406.10	90.38	-.59	
04/26	23:14:00	479.0000	2405.61	90.37	-.49	
04/26	23:21:00	486.0000	2405.07	90.38	-.54	
04/26	23:28:00	493.0000	2404.62	90.37	-.45	
04/26	23:35:00	500.0000	2404.00	90.33	-.62	
04/26	23:42:00	507.0000	2403.48	90.33	-.52	
04/26	23:49:00	514.0000	2403.02	90.33	-.46	
04/26	23:56:00	521.0000	2402.57	90.30	-.45	
04/27	00:03:00	528.0000	2402.09	90.30	-.49	
04/27	00:10:00	535.0000	2401.65	90.31	-.44	

COMPANY: WESTPORT OIL & GAS CO., L.P.

DATE : 04/29/04

WELL NAME : WELLINGTON FEDERAL SWD NO. 44-06

FILE REF: F121429.RED

WELL LOCATION : CARBON COUNTY, UTAH

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	00:17:00	542.0000	2401.13	90.31	-.52	
04/27	00:24:00	549.0000	2400.74	90.28	-.39	
04/27	00:31:00	556.0000	2400.24	90.28	-.50	
04/27	00:38:00	563.0000	2399.83	90.26	-.41	
04/27	00:45:00	570.0000	2399.40	90.26	-.43	
04/27	00:52:00	577.0000	2398.81	90.27	-.58	
04/27	00:59:00	584.0000	2398.43	90.27	-.39	
04/27	01:06:00	591.0000	2398.05	90.25	-.37	
04/27	01:13:00	598.0000	2397.64	90.25	-.42	
04/27	01:20:00	605.0000	2397.12	90.25	-.52	
04/27	01:27:00	612.0000	2396.78	90.25	-.34	
04/27	01:34:00	619.0000	2396.43	90.25	-.34	
04/27	01:41:00	626.0000	2395.93	90.25	-.51	
04/27	01:48:00	633.0000	2395.67	90.20	-.26	
04/27	01:55:00	640.0000	2395.21	90.21	-.46	
04/27	02:02:00	647.0000	2394.82	90.22	-.38	
04/27	02:09:00	654.0000	2394.33	90.21	-.49	
04/27	02:16:00	661.0000	2393.99	90.18	-.34	
04/27	02:23:00	668.0000	2393.60	90.19	-.38	
04/27	02:30:00	675.0000	2393.18	90.18	-.42	
04/27	02:37:00	682.0000	2392.85	90.18	-.33	
04/27	02:44:00	689.0000	2392.59	90.20	-.26	
04/27	02:51:00	696.0000	2392.13	90.19	-.46	
04/27	02:58:00	703.0000	2391.71	90.19	-.42	
04/27	03:05:00	710.0000	2391.39	90.21	-.32	
04/27	03:12:00	717.0000	2391.05	90.20	-.33	
04/27	03:19:00	724.0000	2390.72	90.20	-.33	
04/27	03:26:00	731.0000	2390.34	90.20	-.39	
04/27	03:33:00	738.0000	2390.00	90.18	-.34	
04/27	03:40:00	745.0000	2389.63	90.20	-.36	
04/27	03:47:00	752.0000	2389.30	90.18	-.33	
04/27	03:54:00	759.0000	2388.89	90.15	-.41	
04/27	04:01:00	766.0000	2388.65	90.13	-.24	
04/27	04:08:00	773.0000	2388.20	90.15	-.45	
04/27	04:15:00	780.0000	2387.95	90.15	-.25	
04/27	04:22:00	787.0000	2387.66	90.16	-.29	
04/27	04:29:00	794.0000	2387.30	90.15	-.36	
04/27	04:36:00	801.0000	2387.06	90.15	-.24	
04/27	04:43:00	808.0000	2386.68	90.14	-.38	
04/27	04:50:00	815.0000	2386.33	90.15	-.35	
04/27	04:57:00	822.0000	2386.00	90.14	-.34	
04/27	05:04:00	829.0000	2385.64	90.15	-.36	
04/27	05:11:00	836.0000	2385.32	90.18	-.32	
04/27	05:18:00	843.0000	2385.07	90.18	-.24	
04/27	05:25:00	850.0000	2384.75	90.17	-.32	
04/27	05:32:00	857.0000	2384.41	90.14	-.34	
04/27	05:39:00	864.0000	2384.16	90.19	-.25	
04/27	05:46:00	871.0000	2383.88	90.18	-.28	
04/27	05:53:00	878.0000	2383.55	90.18	-.33	
04/27	06:00:00	885.0000	2383.32	90.19	-.23	
04/27	06:07:00	892.0000	2382.92	90.18	-.40	
04/27	06:14:00	899.0000	2382.69	90.19	-.23	
04/27	06:21:00	906.0000	2382.36	90.19	-.33	
04/27	06:28:00	913.0000	2382.22	90.18	-.14	
04/27	06:35:00	920.0000	2381.71	90.21	-.51	
04/27	06:42:00	927.0000	2381.51	90.20	-.20	
04/27	06:49:00	934.0000	2381.15	90.20	-.36	
04/27	06:56:00	941.0000	2381.01	90.23	-.14	
04/27	07:03:00	948.0000	2380.62	90.22	-.39	
04/27	07:10:00	955.0000	2380.36	90.23	-.26	
04/27	07:17:00	962.0000	2380.10	90.22	-.26	
04/27	07:24:00	969.0000	2379.79	90.22	-.31	
04/27	07:31:00	976.0000	2379.50	90.24	-.29	
04/27	07:38:00	983.0000	2379.31	90.23	-.19	
04/27	07:45:00	990.0000	2378.94	90.25	-.37	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	07:52:00	997.0000	2378.68	90.25	-.27	
04/27	07:59:00	1004.0000	2378.45	90.20	-.23	
04/27	08:06:00	1011.0000	2378.31	90.22	-.14	
04/27	08:13:00	1018.0000	2378.00	90.24	-.32	
04/27	08:20:00	1025.0000	2377.82	90.21	-.18	
04/27	08:27:00	1032.0000	2377.41	90.22	-.41	
04/27	08:34:00	1039.0000	2377.18	90.24	-.23	
04/27	08:41:00	1046.0000	2377.01	90.27	-.17	
04/27	08:48:00	1053.0000	2376.65	90.27	-.36	
04/27	08:55:00	1060.0000	2376.48	90.29	-.16	
04/27	09:02:00	1067.0000	2376.22	90.29	-.27	
04/27	09:09:00	1074.0000	2375.95	90.33	-.27	
04/27	09:16:00	1081.0000	2375.70	90.30	-.25	
04/27	09:23:00	1088.0000	2375.54	90.31	-.16	
04/27	09:30:00	1095.0000	2375.33	90.30	-.21	
04/27	09:37:00	1102.0000	2374.95	90.29	-.39	
04/27	09:44:00	1109.0000	2374.75	90.29	-.20	
04/27	09:51:00	1116.0000	2374.48	90.29	-.27	
04/27	09:58:00	1123.0000	2374.31	90.30	-.17	
04/27	10:05:00	1130.0000	2374.04	90.31	-.27	
04/27	10:12:00	1137.0000	2373.81	90.32	-.23	
04/27	10:19:00	1144.0000	2373.57	90.33	-.24	
04/27	10:26:00	1151.0000	2373.33	90.32	-.24	
04/27	10:33:00	1158.0000	2373.13	90.32	-.20	
04/27	10:40:00	1165.0000	2372.87	90.36	-.26	
04/27	10:47:00	1172.0000	2372.77	90.34	-.10	
04/27	10:54:00	1179.0000	2372.38	90.36	-.39	
04/27	11:01:00	1186.0000	2372.18	90.39	-.20	
04/27	11:08:00	1193.0000	2371.95	90.40	-.23	
04/27	11:15:00	1200.0000	2371.81	90.39	-.13	
04/27	11:22:00	1207.0000	2371.42	90.42	-.39	
04/27	11:29:00	1214.0000	2371.28	90.40	-.14	
04/27	11:36:00	1221.0000	2371.15	90.38	-.14	
04/27	11:43:00	1228.0000	2370.89	90.42	-.26	
04/27	11:50:00	1235.0000	2370.60	90.43	-.30	
04/27	11:57:00	1242.0000	2370.38	90.42	-.22	
04/27	12:04:00	1249.0000	2370.16	90.48	-.22	
04/27	12:06:15	1251.2500	2386.26	90.44	16.10	BEGAN PUMPING - .5 BPM
04/27	12:06:30	1251.5000	2388.95	90.44	2.69	
04/27	12:08:15	1253.2500	2404.48	90.41	15.53	
04/27	12:08:30	1253.5000	2406.18	90.40	1.70	
04/27	12:12:15	1257.2500	2422.67	89.99	16.48	
04/27	12:12:30	1257.5000	2423.39	89.94	.72	
04/27	12:18:45	1263.7500	2437.27	88.38	13.88	
04/27	12:25:00	1270.0000	2435.19	86.24	-2.08	
04/27	12:32:00	1277.0000	2439.05	84.48	3.86	
04/27	12:39:00	1284.0000	2439.55	83.83	.50	
04/27	12:46:00	1291.0000	2440.89	83.84	1.34	
04/27	12:53:00	1298.0000	2442.56	85.15	1.67	
04/27	13:00:00	1305.0000	2443.49	88.57	.93	
04/27	13:06:15	1311.2500	2434.94	91.66	-8.55	END PUMPING - .5 BPM
04/27	13:08:00	1313.0000	2419.10	92.27	-15.84	
04/27	13:08:15	1313.2500	2417.68	92.36	-1.42	
04/27	13:13:45	1318.7500	2401.28	92.93	-16.40	
04/27	13:14:00	1319.0000	2400.85	92.92	-.43	
04/27	13:20:15	1325.2500	2392.98	92.13	-7.88	
04/27	13:26:30	1331.5000	2388.18	91.02	-4.80	
04/27	13:33:00	1338.0000	2384.92	89.82	-3.25	
04/27	13:40:00	1345.0000	2382.12	88.67	-2.81	
04/27	13:47:00	1352.0000	2379.94	87.71	-2.18	
04/27	13:54:00	1359.0000	2378.53	86.96	-1.41	
04/27	14:01:00	1366.0000	2377.14	86.61	-1.39	
04/27	14:08:00	1373.0000	2375.92	86.54	-1.23	
04/27	14:09:00	1374.0000	2375.82	86.54	-.10	END 1 HR. FALL-OFF
04/27	14:10:00	1375.0000	2436.63	86.54	60.82	BEGAN PUMPING - 10 BPM

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	14:10:15	1375.2500	2470.58	86.54	33.95	
04/27	14:10:30	1375.5000	2603.49	86.61	132.91	
04/27	14:10:45	1375.7500	2682.91	86.67	79.41	
04/27	14:11:00	1376.0000	2709.56	86.73	26.65	
04/27	14:11:15	1376.2500	2727.66	86.79	18.10	
04/27	14:11:30	1376.5000	2742.58	86.85	14.93	
04/27	14:11:45	1376.7500	2756.04	86.92	13.46	
04/27	14:12:00	1377.0000	2768.53	86.98	12.48	
04/27	14:12:15	1377.2500	2778.57	87.04	10.04	
04/27	14:12:30	1377.5000	2787.87	87.10	9.31	
04/27	14:12:45	1377.7500	2796.69	87.16	8.82	
04/27	14:13:15	1378.2500	2812.90	87.40	16.22	
04/27	14:13:30	1378.5000	2820.11	87.71	7.20	
04/27	14:14:00	1379.0000	2833.29	88.32	13.18	
04/27	14:14:15	1379.2500	2839.27	88.63	5.98	
04/27	14:14:45	1379.7500	2829.99	89.24	-9.28	
04/27	14:15:00	1380.0000	2774.69	89.54	-55.30	SHUT DOWN TO REPAIR LEAK
04/27	14:15:15	1380.2500	2730.63	89.85	-44.06	
04/27	14:15:30	1380.5000	2696.83	90.15	-33.80	
04/27	14:15:45	1380.7500	2668.90	90.46	-27.94	
04/27	14:16:00	1381.0000	2645.11	90.77	-23.79	
04/27	14:16:15	1381.2500	2624.78	91.15	-20.33	
04/27	14:16:30	1381.5000	2609.32	91.49	-15.46	
04/27	14:16:45	1381.7500	2599.22	91.82	-10.10	
04/27	14:17:15	1382.2500	2587.33	92.49	-11.89	
04/27	14:17:30	1382.5000	2581.63	92.82	-5.70	
04/27	14:18:00	1383.0000	2567.30	93.48	-14.32	
04/27	14:18:15	1383.2500	2560.39	93.81	-6.92	
04/27	14:18:45	1383.7500	2547.30	94.48	-13.09	
04/27	14:19:00	1384.0000	2541.37	94.82	-5.93	
04/27	14:19:45	1384.7500	2545.77	95.36	4.41	
04/27	14:20:00	1385.0000	2575.59	95.51	29.82	
04/27	14:20:15	1385.2500	2566.65	95.67	-8.94	
04/27	14:20:30	1385.5000	2558.68	95.82	-7.97	
04/27	14:21:00	1386.0000	2542.25	96.12	-16.43	
04/27	14:21:15	1386.2500	2534.52	96.28	-7.72	
04/27	14:21:45	1386.7500	2522.00	96.58	-12.53	
04/27	14:22:00	1387.0000	2516.47	96.73	-5.53	
04/27	14:22:45	1387.7500	2503.13	96.86	-13.34	
04/27	14:23:00	1388.0000	2499.24	96.89	-3.88	
04/27	14:23:15	1388.2500	2498.22	96.91	-1.02	
04/27	14:23:30	1388.5000	2520.47	96.94	22.25	
04/27	14:23:45	1388.7500	2555.83	96.98	35.36	
04/27	14:24:45	1389.7500	2543.70	97.09	-12.13	
04/27	14:25:00	1390.0000	2535.19	97.11	-8.51	
04/27	14:25:30	1390.5000	2520.29	97.06	-14.90	
04/27	14:25:45	1390.7500	2513.68	97.01	-6.60	
04/27	14:26:30	1391.5000	2497.78	96.88	-15.91	
04/27	14:26:45	1391.7500	2493.61	96.83	-4.17	
04/27	14:27:45	1392.7500	2479.38	96.65	-14.23	
04/27	14:28:00	1393.0000	2476.68	96.61	-2.70	
04/27	14:29:30	1394.5000	2465.92	96.06	-10.76	
04/27	14:29:45	1394.7500	2451.72	95.95	-14.19	
04/27	14:35:00	1400.0000	2435.37	94.79	-16.35	REPAIRED LEAK
04/27	14:35:15	1400.2500	2434.29	94.79	-1.08	
04/27	14:41:30	1406.5000	2417.50	94.84	-16.79	
04/27	14:47:45	1412.7500	2407.45	94.69	-10.04	
04/27	14:54:00	1419.0000	2400.51	94.38	-6.94	
04/27	15:00:15	1425.2500	2395.86	93.98	-4.65	
04/27	15:07:00	1432.0000	2391.90	93.42	-3.96	
04/27	15:12:00	1437.0000	2389.24	92.99	-2.66	
04/27	15:13:00	1438.0000	2410.44	92.92	21.20	
04/27	15:13:15	1438.2500	2458.23	92.89	47.80	
04/27	15:13:30	1438.5000	2535.78	92.85	77.55	
04/27	15:13:45	1438.7500	2658.22	92.80	122.44	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	15:14:00	1439.0000	2713.34	92.76	55.12	
04/27	15:14:15	1439.2500	2737.96	92.71	24.62	
04/27	15:14:30	1439.5000	2755.99	92.67	18.04	
04/27	15:14:45	1439.7500	2772.32	92.63	16.33	
04/27	15:15:00	1440.0000	2786.70	92.59	14.38	
04/27	15:15:15	1440.2500	2800.83	92.54	14.13	
04/27	15:15:30	1440.5000	2813.01	92.50	12.18	
04/27	15:16:00	1441.0000	2814.68	92.41	1.67	
04/27	15:16:15	1441.2500	2743.14	92.29	-71.54	
04/27	15:16:30	1441.5000	2694.04	92.16	-49.10	
04/27	15:16:45	1441.7500	2657.63	92.02	-36.42	
04/27	15:17:00	1442.0000	2629.02	91.89	-28.61	
04/27	15:17:15	1442.2500	2609.92	91.75	-19.09	
04/27	15:17:30	1442.5000	2598.15	91.62	-11.77	
04/27	15:17:45	1442.7500	2590.28	91.48	-7.87	
04/27	15:18:15	1443.2500	2575.27	91.21	-15.01	
04/27	15:18:30	1443.5000	2566.91	91.07	-8.36	
04/27	15:19:00	1444.0000	2550.68	90.80	-16.23	
04/27	15:19:15	1444.2500	2543.06	90.68	-7.62	
04/27	15:19:45	1444.7500	2529.79	90.50	-13.26	
04/27	15:20:00	1445.0000	2523.65	90.41	-6.14	
04/27	15:20:45	1445.7500	2507.42	90.15	-16.23	
04/27	15:21:00	1446.0000	2502.50	90.06	-4.92	
04/27	15:22:00	1447.0000	2486.46	89.70	-16.04	
04/27	15:22:15	1447.2500	2483.26	89.65	-3.20	
04/27	15:23:45	1448.7500	2467.28	89.41	-15.98	
04/27	15:24:00	1449.0000	2464.58	89.37	-2.70	
04/27	15:26:15	1451.2500	2447.94	89.14	-16.64	
04/27	15:26:30	1451.5000	2446.22	89.11	-1.72	
04/27	15:27:30	1452.5000	2441.48	89.05	-4.74	
04/27	15:27:45	1452.7500	2473.70	89.03	32.22	
04/27	15:28:00	1453.0000	2510.06	89.00	36.37	RESUMED PUMPING - 10 BPM
04/27	15:28:15	1453.2500	2596.23	88.99	86.17	
04/27	15:28:30	1453.5000	2693.44	89.07	97.21	
04/27	15:28:45	1453.7500	2723.25	89.14	29.82	
04/27	15:29:00	1454.0000	2750.13	89.21	26.88	
04/27	15:29:15	1454.2500	2768.72	89.27	18.58	
04/27	15:29:30	1454.5000	2784.37	89.34	15.65	
04/27	15:29:45	1454.7500	2798.32	89.41	13.94	
04/27	15:30:00	1455.0000	2810.80	89.48	12.48	
04/27	15:30:15	1455.2500	2821.08	89.55	10.28	
04/27	15:30:30	1455.5000	2830.63	89.62	9.55	
04/27	15:30:45	1455.7500	2839.20	89.69	8.57	
04/27	15:31:15	1456.2500	2853.20	89.91	14.00	
04/27	15:31:30	1456.5000	2859.59	90.00	6.38	
04/27	15:32:15	1457.2500	2876.06	90.31	16.48	
04/27	15:32:30	1457.5000	2881.23	90.40	5.16	
04/27	15:33:15	1458.2500	2895.02	90.71	13.79	
04/27	15:33:30	1458.5000	2899.45	90.80	4.43	
04/27	15:34:30	1459.5000	2914.41	91.00	14.97	
04/27	15:34:45	1459.7500	2918.29	90.94	3.88	
04/27	15:35:45	1460.7500	2932.36	90.69	14.06	
04/27	15:36:00	1461.0000	2935.26	90.63	2.91	
04/27	15:37:30	1462.5000	2951.83	89.91	16.57	
04/27	15:37:45	1462.7500	2954.42	89.65	2.59	
04/27	15:40:00	1465.0000	2971.09	87.32	16.66	
04/27	15:40:15	1465.2500	2972.70	87.05	1.61	
04/27	15:43:00	1468.0000	2988.50	84.36	15.80	
04/27	15:43:15	1468.2500	2989.65	84.16	1.14	
04/27	15:47:15	1472.2500	3006.45	81.69	16.80	
04/27	15:47:30	1472.5000	3007.26	81.58	.82	
04/27	15:52:30	1477.5000	3023.74	79.89	16.47	
04/27	15:52:45	1477.7500	3024.63	79.83	.89	
04/27	15:59:00	1484.0000	3040.53	78.74	15.90	
04/27	16:02:45	1487.7500	3041.86	78.32	1.33	END PUMPING - 10 BPM / 350 BBL

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	16:03:00	1488.0000	3015.18	78.30	-26.68	
04/27	16:03:15	1488.2500	2996.08	78.27	-19.10	
04/27	16:03:30	1488.5000	2979.67	78.25	-16.40	
04/27	16:03:45	1488.7500	2964.49	78.22	-15.18	
04/27	16:04:00	1489.0000	2950.53	78.20	-13.96	
04/27	16:04:15	1489.2500	2936.81	78.17	-13.72	
04/27	16:04:30	1489.5000	2923.84	78.16	-12.97	
04/27	16:04:45	1489.7500	2911.60	78.15	-12.24	
04/27	16:05:00	1490.0000	2899.85	78.14	-11.75	
04/27	16:05:15	1490.2500	2888.34	78.13	-11.51	
04/27	16:05:30	1490.5000	2877.32	78.12	-11.02	
04/27	16:05:45	1490.7500	2866.80	78.11	-10.53	
04/27	16:06:00	1491.0000	2856.76	78.10	-10.04	
04/27	16:06:15	1491.2500	2846.72	78.09	-10.04	
04/27	16:06:30	1491.5000	2837.17	78.08	-9.55	
04/27	16:06:45	1491.7500	2828.11	78.07	-9.06	
04/27	16:07:00	1492.0000	2819.55	78.06	-8.57	
04/27	16:07:15	1492.2500	2810.98	78.06	-8.57	
04/27	16:07:45	1492.7500	2794.83	78.07	-16.15	
04/27	16:08:00	1493.0000	2787.25	78.08	-7.58	
04/27	16:08:30	1493.5000	2773.06	78.09	-14.19	
04/27	16:08:45	1493.7500	2765.97	78.11	-7.09	
04/27	16:09:15	1494.2500	2753.24	78.12	-12.72	
04/27	16:09:30	1494.5000	2747.13	78.13	-6.11	
04/27	16:10:00	1495.0000	2735.39	78.14	-11.74	
04/27	16:10:15	1495.2500	2729.76	78.15	-5.63	
04/27	16:11:00	1496.0000	2714.36	78.21	-15.40	
04/27	16:11:15	1496.2500	2709.48	78.23	-4.89	
04/27	16:12:00	1497.0000	2695.79	78.28	-13.69	
04/27	16:12:15	1497.2500	2691.39	78.31	-4.40	
04/27	16:13:15	1498.2500	2675.27	78.39	-16.12	
04/27	16:13:30	1498.5000	2671.61	78.41	-3.66	
04/27	16:14:30	1499.5000	2657.45	78.50	-14.16	
04/27	16:14:45	1499.7500	2654.28	78.53	-3.17	
04/27	16:16:00	1501.0000	2639.16	78.64	-15.13	
04/27	16:16:15	1501.2500	2636.23	78.67	-2.93	
04/27	16:17:45	1502.7500	2620.63	78.84	-15.59	
04/27	16:18:00	1503.0000	2618.19	78.86	-2.44	
04/27	16:20:45	1505.7500	2602.37	79.15	-15.82	
04/27	16:21:00	1506.0000	2599.72	79.18	-2.65	
04/27	16:23:15	1508.2500	2583.87	79.42	-15.85	
04/27	16:23:30	1508.5000	2582.28	79.45	-1.59	
04/27	16:26:15	1511.2500	2565.64	79.73	-16.64	
04/27	16:26:30	1511.5000	2564.32	79.76	-1.33	
04/27	16:29:45	1514.7500	2547.94	80.07	-16.38	
04/27	16:30:00	1515.0000	2546.71	80.10	-1.23	
04/27	16:33:45	1518.7500	2530.62	80.46	-16.09	
04/27	16:34:00	1519.0000	2529.76	80.49	-.86	
04/27	16:38:45	1523.7500	2512.97	80.97	-16.79	
04/27	16:39:00	1524.0000	2512.25	81.00	-.72	
04/27	16:45:15	1530.2500	2501.63	81.66	-10.63	
04/27	16:50:00	1535.0000	2485.06	82.13	-16.57	
04/27	16:50:15	1535.2500	2484.79	82.15	-.26	
04/27	16:56:30	1541.5000	2471.84	82.78	-12.95	
04/27	17:02:45	1547.7500	2461.43	83.44	-10.42	
04/27	17:07:30	1552.5000	2476.75	83.95	15.32	BEGAN PUMPING - 1 BPM
04/27	17:07:45	1552.7500	2485.80	83.97	9.05	
04/27	17:09:00	1554.0000	2501.00	84.07	15.20	
04/27	17:09:15	1554.2500	2503.94	84.10	2.94	
04/27	17:12:00	1557.0000	2520.47	84.08	16.52	
04/27	17:12:15	1557.2500	2521.42	84.07	.96	
04/27	17:18:15	1563.2500	2537.79	82.93	16.36	
04/27	17:18:30	1563.5000	2538.49	82.86	.70	
04/27	17:24:45	1569.7500	2544.68	81.46	6.19	
04/27	17:31:00	1576.0000	2548.59	81.61	3.92	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	17:38:00	1583.0000	2550.51	83.45	1.92	
04/27	17:45:00	1590.0000	2552.13	86.15	1.61	
04/27	17:52:00	1597.0000	2553.60	87.58	1.48	
04/27	17:59:00	1604.0000	2554.51	87.99	.90	
04/27	18:06:00	1611.0000	2555.00	87.99	.49	
04/27	18:09:00	1614.0000	2571.35	87.95	16.36	END PUMPING - 1 BPM
04/27	18:09:15	1614.2500	2574.04	87.95	2.69	BEGAN PUMPING - 2 BPM
04/27	18:10:30	1615.5000	2585.08	87.93	11.04	
04/27	18:10:45	1615.7500	2594.54	87.93	9.47	
04/27	18:11:45	1616.7500	2609.43	87.91	14.89	
04/27	18:12:00	1617.0000	2611.63	87.91	2.20	
04/27	18:15:00	1620.0000	2627.75	87.85	16.12	
04/27	18:15:15	1620.2500	2628.59	87.85	.85	
04/27	18:21:30	1626.5000	2644.58	87.67	15.98	
04/27	18:27:45	1632.7500	2638.86	87.36	-5.71	
04/27	18:34:00	1639.0000	2639.29	86.57	.43	
04/27	18:41:00	1646.0000	2641.81	85.40	2.52	
04/27	18:48:00	1653.0000	2643.63	84.58	1.82	
04/27	18:55:00	1660.0000	2644.66	84.14	1.03	
04/27	19:02:00	1667.0000	2645.79	83.88	1.13	
04/27	19:08:15	1673.2500	2653.58	83.70	7.79	
04/27	19:15:00	1680.0000	2655.64	83.49	2.06	
04/27	19:21:00	1686.0000	2656.76	83.34	1.12	END PUMPING - 2 BPM
04/27	19:22:00	1687.0000	2611.64	83.32	-45.11	BEGAN PUMPING - 3 BPM
04/27	19:23:00	1688.0000	2596.47	83.29	-15.17	
04/27	19:23:15	1688.2500	2593.05	83.29	-3.42	
04/27	19:24:00	1689.0000	2580.09	83.27	-12.96	
04/27	19:24:15	1689.2500	2575.20	83.27	-4.89	
04/27	19:25:15	1690.2500	2559.30	83.25	-15.90	
04/27	19:25:30	1690.5000	2556.13	83.25	-3.18	
04/27	19:27:00	1692.0000	2539.98	83.23	-16.14	
04/27	19:27:15	1692.2500	2537.78	83.23	-2.20	
04/27	19:29:30	1694.5000	2522.07	83.21	-15.71	
04/27	19:29:45	1694.7500	2520.38	83.21	-1.70	
04/27	19:33:00	1698.0000	2503.64	83.21	-16.74	
04/27	19:33:15	1698.2500	2502.42	83.21	-1.22	
04/27	19:37:45	1702.7500	2486.32	83.25	-16.10	SHUT DOWN FOR COMPUTER PROBLEMS
04/27	19:38:00	1703.0000	2485.46	83.25	-.86	
04/27	19:41:45	1706.7500	2495.52	83.29	10.07	RESTARTED TEST / PUMPING - 1 BPM
04/27	19:42:00	1707.0000	2503.10	83.29	7.58	
04/27	19:43:00	1708.0000	2518.51	83.31	15.41	
04/27	19:43:15	1708.2500	2520.95	83.31	2.44	
04/27	19:45:45	1710.7500	2537.74	83.34	16.79	
04/27	19:46:00	1711.0000	2538.97	83.35	1.23	
04/27	19:52:15	1717.2500	2554.69	83.25	15.72	
04/27	19:58:30	1723.5000	2560.69	83.10	6.00	
04/27	20:03:00	1728.0000	2575.12	83.09	14.43	BEGAN PUMPING - 3 BPM
04/27	20:03:15	1728.2500	2583.93	83.10	8.80	
04/27	20:03:30	1728.5000	2606.17	83.10	22.25	
04/27	20:03:45	1728.7500	2616.93	83.10	10.76	
04/27	20:04:00	1729.0000	2624.26	83.10	7.33	
04/27	20:04:45	1729.7500	2638.95	83.14	14.68	
04/27	20:05:00	1730.0000	2642.62	83.17	3.68	
04/27	20:06:30	1731.5000	2658.55	83.27	15.93	
04/27	20:06:45	1731.7500	2659.60	83.29	1.04	
04/27	20:09:15	1734.2500	2675.54	83.79	15.94	
04/27	20:09:30	1734.5000	2676.66	83.85	1.12	
04/27	20:13:30	1738.5000	2692.36	84.67	15.71	
04/27	20:13:45	1738.7500	2693.47	84.70	1.11	
04/27	20:20:00	1745.0000	2708.96	84.93	15.49	
04/27	20:26:15	1751.2500	2719.54	83.88	10.58	
04/27	20:32:30	1757.5000	2727.66	82.73	8.11	
04/27	20:38:45	1763.7500	2734.13	81.89	6.47	
04/27	20:45:00	1770.0000	2739.02	81.31	4.89	
04/27	20:51:15	1776.2500	2743.67	80.92	4.65	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/27	20:58:00	1783.0000	2747.97	80.66	4.31	
04/27	21:02:00	1787.0000	2749.73	80.54	1.76	END PUMPING - 3 BPM
04/27	21:03:00	1788.0000	2774.39	80.51	24.67	BEGAN PUMPING - 4 BPM
04/27	21:09:15	1794.2500	2790.75	80.34	16.36	
04/27	21:15:30	1800.5000	2799.31	80.14	8.56	
04/27	21:21:45	1806.7500	2806.94	79.77	7.63	
04/27	21:28:00	1813.0000	2813.38	79.45	6.44	
04/27	21:34:15	1819.2500	2819.97	79.24	6.59	
04/27	21:40:30	1825.5000	2824.47	79.09	4.50	
04/27	21:47:00	1832.0000	2827.80	78.93	3.33	
04/27	21:54:00	1839.0000	2829.67	78.80	1.87	
04/27	22:01:00	1846.0000	2831.44	78.61	1.78	END PUMPING - 4 BPM
04/27	22:02:45	1847.7500	2846.14	78.56	14.70	BEGAN PUMPING - 5 BPM
04/27	22:03:00	1848.0000	2850.79	78.55	4.65	
04/27	22:05:30	1850.5000	2866.83	78.47	16.04	
04/27	22:05:45	1850.7500	2867.92	78.47	1.09	
04/27	22:12:00	1857.0000	2884.68	78.24	16.75	
04/27	22:18:15	1863.2500	2895.32	77.85	10.65	
04/27	22:24:30	1869.5000	2901.75	77.41	6.43	
04/27	22:30:45	1875.7500	2910.81	77.13	9.06	
04/27	22:37:00	1882.0000	2916.21	76.96	5.41	
04/27	22:43:15	1888.2500	2919.84	76.82	3.63	
04/27	22:49:30	1894.5000	2927.01	76.71	7.17	
04/27	22:55:45	1900.7500	2931.40	76.61	4.39	
04/27	23:02:00	1907.0000	2934.32	76.50	2.92	
04/27	23:05:30	1910.5000	2950.30	76.43	15.98	END PUMPING - 5 BPM
04/27	23:05:45	1910.7500	2952.00	76.43	1.70	BEGAN PUMPING - 6 BPM
04/27	23:10:15	1915.2500	2968.32	76.37	16.32	
04/27	23:10:30	1915.5000	2968.85	76.37	.53	
04/27	23:16:45	1921.7500	2979.77	76.18	10.92	
04/27	23:23:00	1928.0000	2987.78	75.92	8.01	
04/27	23:29:15	1934.2500	2994.32	75.75	6.54	
04/27	23:35:30	1940.5000	2999.60	75.74	5.28	
04/27	23:41:45	1946.7500	3004.74	75.86	5.14	
04/27	23:48:00	1953.0000	3008.57	75.94	3.83	
04/27	23:55:00	1960.0000	3012.53	75.98	3.96	
04/28	00:02:00	1967.0000	3016.10	76.01	3.57	
04/28	00:06:45	1971.7500	3032.44	76.03	16.34	END PUMPING - 6 BPM
04/28	00:07:00	1972.0000	3033.29	76.03	.85	BEGAN PUMPING - 7 BPM
04/28	00:13:15	1978.2500	3043.74	76.02	10.46	
04/28	00:19:30	1984.5000	3051.32	75.92	7.58	
04/28	00:25:45	1990.7500	3056.49	75.82	5.17	
04/28	00:32:00	1997.0000	3061.07	75.63	4.57	
04/28	00:38:15	2003.2500	3065.65	75.48	4.58	
04/28	00:45:00	2010.0000	3068.26	75.36	2.61	
04/28	00:52:00	2017.0000	3073.67	75.27	5.41	
04/28	00:59:00	2024.0000	3076.35	75.22	2.68	
04/28	01:06:00	2031.0000	3078.02	75.17	1.67	END PUMPING - 7 BPM
04/28	01:12:15	2037.2500	3094.67	75.14	16.65	BEGAN PUMPING - 8 BPM
04/28	01:18:30	2043.5000	3100.22	75.04	5.55	
04/28	01:24:45	2049.7500	3104.49	74.95	4.27	
04/28	01:31:00	2056.0000	3107.98	74.91	3.49	
04/28	01:38:00	2063.0000	3111.16	74.88	3.18	
04/28	01:45:00	2070.0000	3114.61	74.85	3.45	
04/28	01:52:00	2077.0000	3116.39	74.82	1.78	
04/28	01:59:00	2084.0000	3119.65	74.76	3.26	
04/28	02:05:15	2090.2500	3121.23	74.72	1.58	
04/28	02:08:00	2093.0000	3137.42	74.74	16.19	END PUMPING - 8 BPM
04/28	02:08:15	2093.2500	3138.66	74.74	1.24	BEGAN PUMPING - 10 BPM
04/28	02:13:15	2098.2500	3155.43	74.82	16.76	
04/28	02:13:30	2098.5000	3155.63	74.82	.20	
04/28	02:19:45	2104.7500	3165.16	74.86	9.53	
04/28	02:26:00	2111.0000	3170.28	74.92	5.12	
04/28	02:33:00	2118.0000	3174.63	75.00	4.35	
04/28	02:40:00	2125.0000	3178.80	75.03	4.17	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/28	02:47:00	2132.0000	3182.80	75.06	4.00	
04/28	02:54:00	2139.0000	3186.68	75.06	3.88	
04/28	03:01:00	2146.0000	3188.70	75.03	2.02	
04/28	03:08:00	2153.0000	3192.32	74.86	3.62	END PUMPING - 10 BPM
04/28	03:11:00	2156.0000	3208.48	74.79	16.15	BEGAN PUMPING - 12 BPM
04/28	03:11:15	2156.2500	3209.45	74.79	.98	
04/28	03:17:30	2162.5000	3223.87	74.68	14.42	
04/28	03:23:45	2168.7500	3232.81	74.79	8.94	
04/28	03:30:00	2175.0000	3239.66	74.86	6.85	
04/28	03:36:15	2181.2500	3244.54	74.89	4.88	
04/28	03:42:30	2187.5000	3249.12	74.89	4.58	
04/28	03:49:00	2194.0000	3252.67	74.89	3.54	
04/28	03:56:00	2201.0000	3257.61	74.89	4.94	
04/28	04:03:00	2208.0000	3261.05	74.86	3.44	
04/28	04:10:00	2215.0000	3264.82	74.84	3.77	END PUMPING - 12 BPM
04/28	04:13:00	2218.0000	3280.87	74.82	16.05	BEGAN PUMPING - 14 BPM
04/28	04:13:15	2218.2500	3281.89	74.81	1.02	
04/28	04:19:30	2224.5000	3290.75	74.87	8.86	
04/28	04:25:45	2230.7500	3296.89	75.10	6.14	
04/28	04:32:00	2237.0000	3300.79	75.25	3.89	
04/28	04:39:00	2244.0000	3304.90	75.27	4.11	END PUMPING - 14 BPM
04/28	04:44:45	2249.7500	3321.16	75.39	16.27	BEGAN PUMPING - 16 BPM
04/28	04:45:00	2250.0000	3321.90	75.40	.74	
04/28	04:51:15	2256.2500	3333.00	75.86	11.10	
04/28	04:57:30	2262.5000	3338.03	76.20	5.03	
04/28	05:04:00	2269.0000	3339.61	76.34	1.58	
04/28	05:10:15	2275.2500	3343.10	76.38	3.49	
04/28	05:16:30	2281.5000	3358.01	76.41	14.91	END PUMPING - 16 BPM
04/28	05:18:45	2283.7500	3354.07	76.50	-3.94	PUMPING - 18 BPM
04/28	05:19:00	2284.0000	3340.36	76.51	-13.71	SHUT DOWN PUMPS
04/28	05:19:15	2284.2500	3324.44	76.54	-15.91	BEGAN PRESSURE FALL-OFF
04/28	05:19:30	2284.5000	3312.45	76.56	-12.00	
04/28	05:19:45	2284.7500	3302.17	76.58	-10.28	
04/28	05:20:00	2285.0000	3292.86	76.60	-9.30	
04/28	05:20:15	2285.2500	3284.30	76.62	-8.57	
04/28	05:20:30	2285.5000	3275.98	76.64	-8.32	
04/28	05:21:00	2286.0000	3261.29	76.68	-14.68	
04/28	05:21:15	2286.2500	3254.19	76.70	-7.10	
04/28	05:21:45	2286.7500	3240.74	76.74	-13.46	
04/28	05:22:00	2287.0000	3234.13	76.75	-6.61	
04/28	05:22:30	2287.5000	3221.42	76.87	-12.71	
04/28	05:22:45	2287.7500	3215.32	76.96	-6.10	
04/28	05:23:15	2288.2500	3203.36	77.13	-11.96	
04/28	05:23:30	2288.5000	3197.51	77.22	-5.85	
04/28	05:24:00	2289.0000	3186.05	77.40	-11.46	
04/28	05:24:15	2289.2500	3180.19	77.49	-5.85	
04/28	05:24:45	2289.7500	3168.97	77.67	-11.22	
04/28	05:25:00	2290.0000	3163.37	77.75	-5.61	
04/28	05:25:45	2290.7500	3147.14	78.41	-16.23	
04/28	05:26:00	2291.0000	3142.06	78.64	-5.08	
04/28	05:26:45	2291.7500	3126.83	79.36	-15.23	
04/28	05:27:00	2292.0000	3122.00	79.60	-4.83	
04/28	05:27:45	2292.7500	3107.53	80.32	-14.48	
04/28	05:28:00	2293.0000	3102.95	80.56	-4.58	
04/28	05:28:45	2293.7500	3089.48	81.36	-13.47	
04/28	05:29:00	2294.0000	3085.16	81.63	-4.32	
04/28	05:30:00	2295.0000	3068.60	82.67	-16.56	
04/28	05:30:15	2295.2500	3064.52	82.93	-4.08	
04/28	05:31:15	2296.2500	3049.20	83.96	-15.32	
04/28	05:31:30	2296.5000	3045.60	84.17	-3.60	
04/28	05:32:30	2297.5000	3031.44	84.99	-14.16	
04/28	05:32:45	2297.7500	3028.09	85.20	-3.35	
04/28	05:34:00	2299.0000	3011.82	86.24	-16.27	
04/28	05:34:15	2299.2500	3008.46	86.41	-3.36	
04/28	05:35:30	2300.5000	2993.32	87.13	-15.14	

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/28	05:35:45	2300.7500	2990.44	87.27	-2.88	
04/28	05:37:00	2302.0000	2976.04	87.99	-14.40	
04/28	05:37:15	2302.2500	2973.39	88.10	-2.65	
04/28	05:38:45	2303.7500	2957.97	88.67	-15.42	
04/28	05:39:00	2304.0000	2955.31	88.76	-2.65	
04/28	05:40:30	2305.5000	2940.85	89.27	-14.46	
04/28	05:40:45	2305.7500	2938.43	89.33	-2.42	
04/28	05:42:30	2307.5000	2923.88	89.74	-14.55	
04/28	05:42:45	2307.7500	2920.54	89.80	-3.34	
04/28	05:44:45	2309.7500	2904.06	90.12	-16.48	
04/28	05:45:00	2310.0000	2903.04	90.15	-1.02	
04/28	05:47:00	2312.0000	2888.00	90.39	-15.04	
04/28	05:47:15	2312.2500	2886.18	90.41	-1.82	
04/28	05:49:30	2314.5000	2870.51	90.58	-15.67	
04/28	05:49:45	2314.7500	2868.92	90.59	-1.59	
04/28	05:52:15	2317.2500	2853.00	90.72	-15.93	
04/28	05:52:30	2317.5000	2851.41	90.73	-1.59	
04/28	05:55:15	2320.2500	2835.45	90.80	-15.95	
04/28	05:55:30	2320.5000	2833.99	90.80	-1.46	
04/28	05:58:30	2323.5000	2818.03	90.86	-15.96	
04/28	05:58:45	2323.7500	2816.82	90.86	-1.22	
04/28	06:02:00	2327.0000	2800.97	90.91	-15.85	
04/28	06:02:15	2327.2500	2799.88	90.92	-1.09	
04/28	06:06:00	2331.0000	2783.42	90.97	-16.46	
04/28	06:06:15	2331.2500	2782.33	90.97	-1.09	
04/28	06:10:15	2335.2500	2766.49	91.02	-15.84	
04/28	06:10:30	2335.5000	2765.51	91.03	-.97	
04/28	06:15:00	2340.0000	2749.20	91.09	-16.31	
04/28	06:15:15	2340.2500	2748.46	91.09	-.75	
04/28	06:20:15	2345.2500	2732.14	91.17	-16.32	
04/28	06:20:30	2345.5000	2731.29	91.17	-.85	
04/28	06:26:00	2351.0000	2715.47	91.26	-15.82	
04/28	06:26:15	2351.2500	2714.27	91.26	-1.20	
04/28	06:32:30	2357.5000	2698.12	91.38	-16.15	
04/28	06:38:45	2363.7500	2683.06	91.48	-15.06	
04/28	06:45:00	2370.0000	2669.91	91.60	-13.15	
04/28	06:51:15	2376.2500	2657.72	91.72	-12.19	
04/28	06:57:30	2382.5000	2646.58	91.85	-11.14	
04/28	07:03:45	2388.7500	2636.22	91.98	-10.36	
04/28	07:10:00	2395.0000	2626.55	92.07	-9.68	
04/28	07:16:15	2401.2500	2617.63	92.21	-8.92	
04/28	07:22:30	2407.5000	2609.36	92.31	-8.26	
04/28	07:28:45	2413.7500	2602.23	92.43	-7.13	
04/28	07:35:00	2420.0000	2594.96	92.56	-7.27	
04/28	07:41:15	2426.2500	2588.15	92.68	-6.80	
04/28	07:47:30	2432.5000	2581.74	92.80	-6.42	
04/28	07:53:45	2438.7500	2575.58	92.89	-6.16	
04/28	08:00:00	2445.0000	2569.92	93.00	-5.66	
04/28	08:06:15	2451.2500	2564.64	93.09	-5.28	
04/28	08:12:30	2457.5000	2559.28	93.16	-5.36	
04/28	08:18:45	2463.7500	2554.34	93.21	-4.94	
04/28	08:25:00	2470.0000	2549.64	93.26	-4.70	
04/28	08:31:15	2476.2500	2544.94	93.33	-4.70	
04/28	08:38:00	2483.0000	2540.17	93.37	-4.77	
04/28	08:45:00	2490.0000	2535.79	93.40	-4.37	
04/28	08:52:00	2497.0000	2531.22	93.45	-4.57	
04/28	08:59:00	2504.0000	2526.88	93.48	-4.35	
04/28	09:06:00	2511.0000	2522.74	93.51	-4.13	
04/28	09:13:00	2518.0000	2519.63	93.54	-3.11	
04/28	09:20:00	2525.0000	2515.46	93.58	-4.17	
04/28	09:27:00	2532.0000	2511.81	93.59	-3.65	
04/28	09:34:00	2539.0000	2508.64	93.59	-3.17	
04/28	09:41:00	2546.0000	2505.70	93.65	-2.94	
04/28	09:48:00	2553.0000	2502.41	93.65	-3.29	
04/28	09:55:00	2560.0000	2499.68	93.65	-2.73	

COMPANY: WESTPORT OIL & GAS CO., L.P.

WELL NAME : WELLINGTON FEDERAL SWD NO. 44-06

DATE : 04/29/04

WELL LOCATION : CARBON COUNTY, UTAH

FILE REF: F121429.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/28	10:02:00	2567.0000	2496.69	93.62	-3.00	
04/28	10:09:00	2574.0000	2494.09	93.62	-2.60	
04/28	10:16:00	2581.0000	2491.40	93.60	-2.69	
04/28	10:23:00	2588.0000	2488.70	93.58	-2.69	
04/28	10:30:00	2595.0000	2486.22	93.58	-2.48	
04/28	10:37:00	2602.0000	2483.85	93.57	-2.37	
04/28	10:44:00	2609.0000	2481.45	93.56	-2.40	
04/28	10:51:00	2616.0000	2479.20	93.51	-2.25	
04/28	10:58:00	2623.0000	2477.04	93.47	-2.16	
04/28	11:05:00	2630.0000	2474.89	93.47	-2.15	
04/28	11:12:00	2637.0000	2472.79	93.46	-2.10	
04/28	11:19:00	2644.0000	2470.79	93.42	-2.00	
04/28	11:26:00	2651.0000	2468.87	93.36	-1.92	
04/28	11:33:00	2658.0000	2467.02	93.36	-1.85	
04/28	11:40:00	2665.0000	2465.17	93.34	-1.85	
04/28	11:47:00	2672.0000	2463.33	93.28	-1.84	
04/28	11:54:00	2679.0000	2461.63	93.26	-1.70	
04/28	12:01:00	2686.0000	2460.18	93.23	-1.45	
04/28	12:08:00	2693.0000	2458.40	93.23	-1.78	
04/28	12:15:00	2700.0000	2456.71	93.20	-1.69	
04/28	12:22:00	2707.0000	2455.53	93.14	-1.18	
04/28	12:29:00	2714.0000	2453.80	93.09	-1.73	
04/28	12:36:00	2721.0000	2452.34	93.08	-1.45	
04/28	12:43:00	2728.0000	2451.18	93.04	-1.17	
04/28	12:50:00	2735.0000	2449.69	93.00	-1.48	
04/28	12:57:00	2742.0000	2448.17	92.96	-1.53	
04/28	13:04:00	2749.0000	2446.88	92.92	-1.28	
04/28	13:11:00	2756.0000	2445.48	92.89	-1.41	
04/28	13:18:00	2763.0000	2444.45	92.87	-1.03	
04/28	13:25:00	2770.0000	2443.14	92.81	-1.31	
04/28	13:32:00	2777.0000	2441.97	92.81	-1.18	
04/28	13:39:00	2784.0000	2440.81	92.76	-1.16	
04/28	13:46:00	2791.0000	2439.56	92.74	-1.24	
04/28	13:53:00	2798.0000	2438.46	92.69	-1.10	
04/28	14:00:00	2805.0000	2437.40	92.64	-1.07	
04/28	14:07:00	2812.0000	2436.23	92.67	-1.17	
04/28	14:14:00	2819.0000	2435.08	92.64	-1.15	
04/28	14:21:00	2826.0000	2434.06	92.64	-1.02	
04/28	14:28:00	2833.0000	2433.04	92.67	-1.02	
04/28	14:35:00	2840.0000	2432.02	92.61	-1.02	
04/28	14:42:00	2847.0000	2431.04	92.56	-.99	
04/28	14:49:00	2854.0000	2430.03	92.52	-1.01	
04/28	14:56:00	2861.0000	2429.13	92.53	-.90	
04/28	15:03:00	2868.0000	2428.15	92.47	-.98	
04/28	15:10:00	2875.0000	2427.20	92.49	-.95	
04/28	15:17:00	2882.0000	2426.31	92.40	-.89	
04/28	15:24:00	2889.0000	2425.40	92.39	-.91	
04/28	15:31:00	2896.0000	2424.47	92.39	-.93	
04/28	15:38:00	2903.0000	2423.65	92.36	-.82	
04/28	15:45:00	2910.0000	2422.80	92.30	-.85	
04/28	15:52:00	2917.0000	2421.99	92.29	-.81	
04/28	15:59:00	2924.0000	2421.19	92.27	-.80	
04/28	16:06:00	2931.0000	2420.30	92.27	-.89	
04/28	16:13:00	2938.0000	2419.54	92.24	-.76	
04/28	16:20:00	2945.0000	2418.76	92.23	-.78	
04/28	16:27:00	2952.0000	2418.07	92.18	-.69	
04/28	16:34:00	2959.0000	2417.18	92.19	-.90	
04/28	16:41:00	2966.0000	2416.54	92.19	-.63	
04/28	16:48:00	2973.0000	2415.78	92.15	-.76	
04/28	16:55:00	2980.0000	2415.01	92.13	-.77	
04/28	17:02:00	2987.0000	2414.35	92.13	-.66	
04/28	17:09:00	2994.0000	2413.63	92.07	-.72	
04/28	17:16:00	3001.0000	2412.93	92.04	-.70	
04/28	17:23:00	3008.0000	2412.26	92.05	-.67	
04/28	17:29:00	3014.0000	2411.75	91.96	-.51	TANDEM INSTRUMENTS OFF BOTTOM

WELL NAME : WELLINGTON FEDERAL SWD NO. 44-06 DATE : 04/29/04

WELL LOCATION : CARBON COUNTY, UTAH FILE REF: F121429.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
04/28	17:30:00	3015.0000	2318.21	91.93	-93.54	
04/28	17:30:15	3015.2500	2258.84	91.76	-59.37	
04/28	17:30:30	3015.5000	2204.86	92.09	-53.98	
04/28	17:30:45	3015.7500	2150.40	92.42	-54.46	
04/28	17:31:00	3016.0000	2096.92	92.74	-53.48	
04/28	17:31:15	3016.2500	2045.41	93.07	-51.51	
04/28	17:31:30	3016.5000	1991.71	93.40	-53.70	
04/28	17:31:45	3016.7500	1950.45	93.72	-41.26	
04/28	17:32:00	3017.0000	1909.69	94.05	-40.76	
04/28	17:32:15	3017.2500	1867.22	94.38	-42.46	
04/28	17:32:30	3017.5000	1824.77	94.71	-42.45	
04/28	17:32:45	3017.7500	1781.10	95.03	-43.67	
04/28	17:33:00	3018.0000	1736.46	95.36	-44.63	
04/28	17:33:15	3018.2500	1691.58	95.68	-44.88	
04/28	17:33:30	3018.5000	1646.23	95.65	-45.35	
04/28	17:33:45	3018.7500	1598.93	95.62	-47.30	
04/28	17:34:00	3019.0000	1551.63	95.59	-47.30	
04/28	17:34:15	3019.2500	1502.62	95.56	-49.01	
04/28	17:34:30	3019.5000	1453.62	95.54	-49.00	
04/28	17:34:45	3019.7500	1403.15	95.51	-50.47	
04/28	17:35:00	3020.0000	1352.19	95.48	-50.96	
04/28	17:35:15	3020.2500	1300.01	95.45	-52.18	
04/28	17:35:30	3020.5000	1247.58	95.43	-52.42	
04/28	17:35:45	3020.7500	1194.19	95.40	-53.39	
04/28	17:36:00	3021.0000	1138.83	95.36	-55.36	
04/28	17:36:15	3021.2500	1082.75	95.02	-56.08	
04/28	17:36:30	3021.5000	1024.99	94.43	-57.76	
04/28	17:36:45	3021.7500	966.99	93.85	-58.00	
04/28	17:37:00	3022.0000	908.23	93.26	-58.76	
04/28	17:37:15	3022.2500	849.47	92.68	-58.76	
04/28	17:37:30	3022.5000	789.71	92.09	-59.76	
04/28	17:37:45	3022.7500	728.24	91.51	-61.47	
04/28	17:38:00	3023.0000	663.83	90.93	-64.41	
04/28	17:38:15	3023.2500	628.68	90.35	-35.15	
04/28	17:39:45	3024.7500	627.38	86.79	-1.30	
04/28	17:40:15	3025.2500	626.99	85.64	-.40	
04/28	17:40:30	3025.5000	579.73	85.06	-47.25	
04/28	17:40:45	3025.7500	516.22	84.49	-63.51	
04/28	17:41:00	3026.0000	453.68	83.92	-62.54	
04/28	17:41:15	3026.2500	408.22	83.34	-45.46	
04/28	17:41:30	3026.5000	401.37	82.78	-6.85	
04/28	17:41:45	3026.7500	338.07	82.20	-63.31	
04/28	17:42:00	3027.0000	280.86	81.63	-57.21	
04/28	17:42:15	3027.2500	252.46	81.03	-28.40	
04/28	17:42:45	3027.7500	245.78	79.82	-6.68	
04/28	17:43:00	3028.0000	208.82	79.22	-36.96	
04/28	17:43:15	3028.2500	144.45	78.61	-64.37	
04/28	17:43:30	3028.5000	79.34	78.01	-65.11	
04/28	17:43:45	3028.7500	17.15	77.41	-62.19	
04/28	17:44:00	3029.0000	5.85	76.81	-11.30	
04/28	17:44:15	3029.2500	.01	76.20	-5.84	
04/28	17:45:45	3030.7500	.01	73.02	.00	
04/28	17:47:45	3032.7500	.01	69.69	.00	
04/28	17:51:30	3036.5000	1.10	66.67	1.09	
04/28	17:58:00	3043.0000	.52	65.05	-.57	

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* *
* EVENT SUMMARY *
* *
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COMPANY : WESTPORT OIL & GAS CO., L.P.

PAGE : B1

WELL NAME : WELLINGTON FEDERAL SWD NO. 44-06

DATE : 04/29/04

WELL LOCATION : CARBON COUNTY, UTAH

FILE REF: F121429.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmm	Key Event	Pressure Psig	Temp Deg F
04/26	15:59:00	44.0000	T.I.H. W/TANDEM INSTRUMENTS	34.53	84.86
04/26	16:35:45	80.7500	TANDEM INST. @ 5972' KB; WELL SHUT IN	2462.40	88.56
04/27	12:06:15	1251.2500	BEGAN PUMPING - .5 BPM	2386.26	90.44
04/27	13:06:15	1311.2500	END PUMPING - .5 BPM	2434.94	91.66
04/27	14:09:00	1374.0000	END 1 HR. FALL-OFF	2375.82	86.54
04/27	14:10:00	1375.0000	BEGAN PUMPING - 10 BPM	2436.63	86.54
04/27	14:15:00	1380.0000	SHUT DOWN TO REPAIR LEAK	2774.69	89.54
04/27	14:35:00	1400.0000	REPAIRED LEAK	2435.37	94.79
04/27	15:28:00	1453.0000	RESUMED PUMPING - 10 BPM	2510.06	89.00
04/27	16:02:45	1487.7500	END PUMPING - 10 BPM / 350 BBL	3041.86	78.32
04/27	17:07:30	1552.5000	BEGAN PUMPING - 1 BPM	2476.75	83.95
04/27	18:09:00	1614.0000	END PUMPING - 1 BPM	2571.35	87.95
04/27	18:09:15	1614.2500	BEGAN PUMPING - 2 BPM	2574.04	87.95
04/27	19:21:00	1686.0000	END PUMPING - 2 BPM	2656.76	83.34
04/27	19:22:00	1687.0000	BEGAN PUMPING - 3 BPM	2611.64	83.32
04/27	19:37:45	1702.7500	SHUT DOWN FOR COMPUTER PROBLEMS	2486.32	83.25
04/27	19:41:45	1706.7500	RESTARTED TEST / PUMPING - 1 BPM	2495.52	83.29
04/27	20:03:00	1728.0000	BEGAN PUMPING - 3 BPM	2575.12	83.09
04/27	21:02:00	1787.0000	END PUMPING - 3 BPM	2749.73	80.54
04/27	21:03:00	1788.0000	BEGAN PUMPING - 4 BPM	2774.39	80.51
04/27	22:01:00	1846.0000	END PUMPING - 4 BPM	2831.44	78.61
04/27	22:02:45	1847.7500	BEGAN PUMPING - 5 BPM	2846.14	78.56
04/27	23:05:30	1910.5000	END PUMPING - 5 BPM	2950.30	76.43
04/27	23:05:45	1910.7500	BEGAN PUMPING - 6 BPM	2952.00	76.43
04/28	00:06:45	1971.7500	END PUMPING - 6 BPM	3032.44	76.03
04/28	00:07:00	1972.0000	BEGAN PUMPING - 7 BPM	3033.29	76.03
04/28	01:06:00	2031.0000	END PUMPING - 7 BPM	3078.02	75.17
04/28	01:12:15	2037.2500	BEGAN PUMPING - 8 BPM	3094.67	75.14
04/28	02:08:00	2093.0000	END PUMPING - 8 BPM	3137.42	74.74
04/28	02:08:15	2093.2500	BEGAN PUMPING - 10 BPM	3138.66	74.74
04/28	03:08:00	2153.0000	END PUMPING - 10 BPM	3192.32	74.86
04/28	03:11:00	2156.0000	BEGAN PUMPING - 12 BPM	3208.48	74.79
04/28	04:10:00	2215.0000	END PUMPING - 12 BPM	3264.82	74.84
04/28	04:13:00	2218.0000	BEGAN PUMPING - 14 BPM	3280.87	74.82
04/28	04:39:00	2244.0000	END PUMPING - 14 BPM	3304.90	75.27
04/28	04:44:45	2249.7500	BEGAN PUMPING - 16 BPM	3321.16	75.39
04/28	05:16:30	2281.5000	END PUMPING - 16 BPM	3358.01	76.41
04/28	05:18:45	2283.7500	PUMPING - 18 BPM	3354.07	76.50
04/28	05:19:00	2284.0000	SHUT DOWN PUMPS	3340.36	76.51
04/28	05:19:15	2284.2500	BEGAN PRESSURE FALL-OFF	3324.44	76.54
04/28	17:29:00	3014.0000	TANDEM INSTRUMENTS OFF BOTTOM	2411.75	91.96

HALLIBURTON

JOB LOG

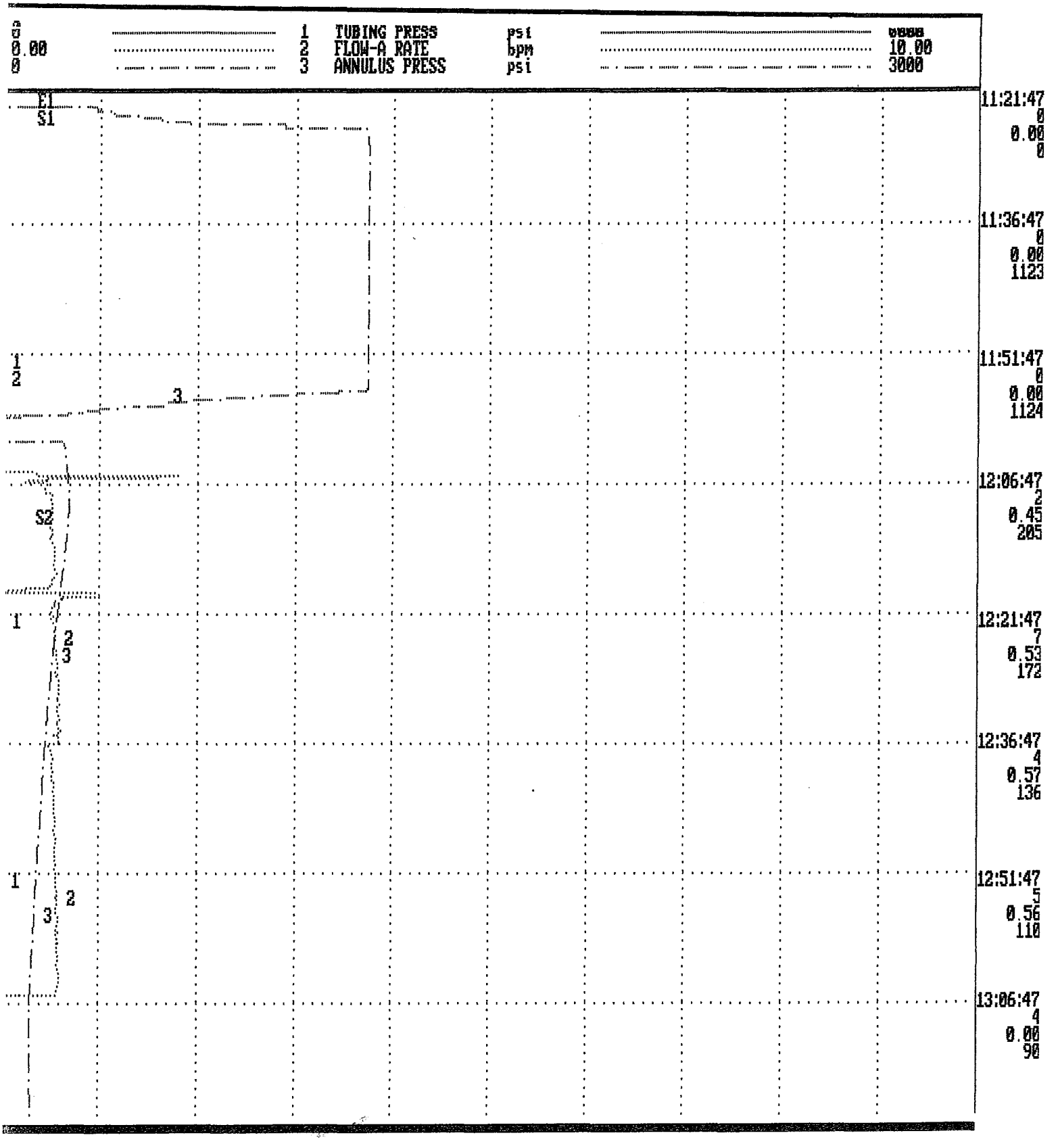
TICKET # 3045963	TICKET DATE 04/27/2004		
REGION NORTH AMERICA	NWA / COUNTRY ROCKY MOUNTAIN / USA	BDA / STATE Ut	COUNTY CARBON
MBU ID / EMPL # VE-0501 / 121622	H.E.S EMPLOYEE NAME G.DUNCAN / 122105	PSL DEPARTMENT PRODUCTION ENHANCMENT	
LOCATION VERNAL UT.	COMPANY WESTPORT OIL & GAS	CUSTOMER REP / PHONE BILL MCNABB	
TICKET AMOUNT $0.00	WELL TYPE 07-Injection	WELL CATEGORY 02-Workover	API/UWI #
WELL LOCATION PRICE	DEPARTMENT 5005	JOB PURPOSE CODE 0	
LEASE WELLINGTON FEDERAL	WELL # SWD 44-06	SEC / TWP / RNG 0	

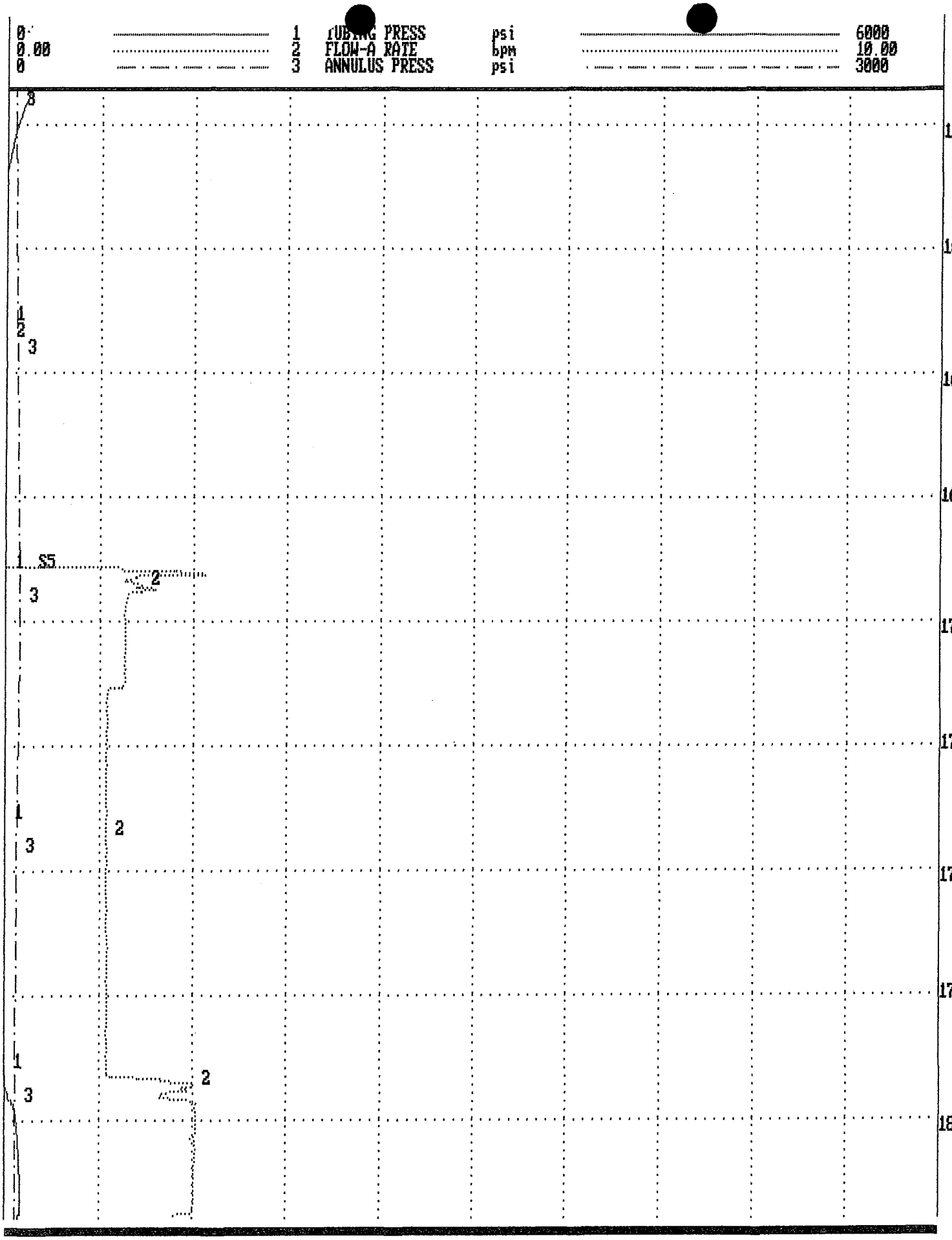
Chart No.	Time	Rate (BPM)	Volume (GAL)	Pmps T	Pmps C	Press.(PSI) Tbg	Press.(PSI) Csg	Job Description / Remarks
	0300							CALLED OUT
	0900							ON LOCATION
	0905							Pre rig up saftey meeting
	1045							Saftey meeting
	1103		3			5,600		Prime and test pump and lines
	1124		5				1,122	TEST BACKSIDE TO 1000 PSI HOLD FOR 30 MINS.
	1205	0.5	0			0	205	START .5 BPM TEST
	1241	0.5	20			0	158	RATE AND PSI
	1305	0.5	34			0	92	SHUTDOWN WAIT 60 MINS.
	1409	10.0	0			885	137	START 10 BPM TEST
	1415	10.0	52			148	87	SHUTDOWN LUBERCATOR LEAKING
	1527	10.0	89			840	58	RESTART 10 BPM TEST
	1555	10.0	361			1,055	25	RATE AND PSI
	1604	10.0	439			1,099	25	SHUTDOWN WAIT 60 MINS.
	1604					397		ISIP
	1708	1.0	439			0	53	1 BPM TEST
	1811	2.0	499			70	32	2 BPM TEST
	1943							COMPUTER WENT DOWN HAD TO REBOOT
	2003	3.0	0			109	24	3 BPM TEST
	2104	4.0	217			317	18	4 BPM TEST
	2204	5.0	460			450	16	5 BPM TEST
	2305	6.0	760			619	16	6 BPM TEST
	0007	7.0	1,145			793	18	7 BPM TEST
	0108	8.0	1,569			953	18	8 BPM TEST
	0208	10.0	2,053			1,248	20	10 BPM TEST
	0310	12.0	2,692			1,550	19	12 BPM TEST
	0411	14.0	3,459			1,930	20	14 BPM TEST
	0443	16.0	3,900			2,307	22	16 BPM TEST
	0514	18.0	4,380			2,730	31	18 BPM TEST
	0520	18.0	4,444			2,733	30	SHUTDOWN ISIP:750 PSI
	0525					576		5 MIN SHUTIN
	0530					471		10 MIN SHUTIN
	0535					402		15 MIN SHUTIN
	0540					347		20 MIN SHUTIN
	0545					307		25 MIN SHUTIN
	0550					269		30 MIN SHUTIN

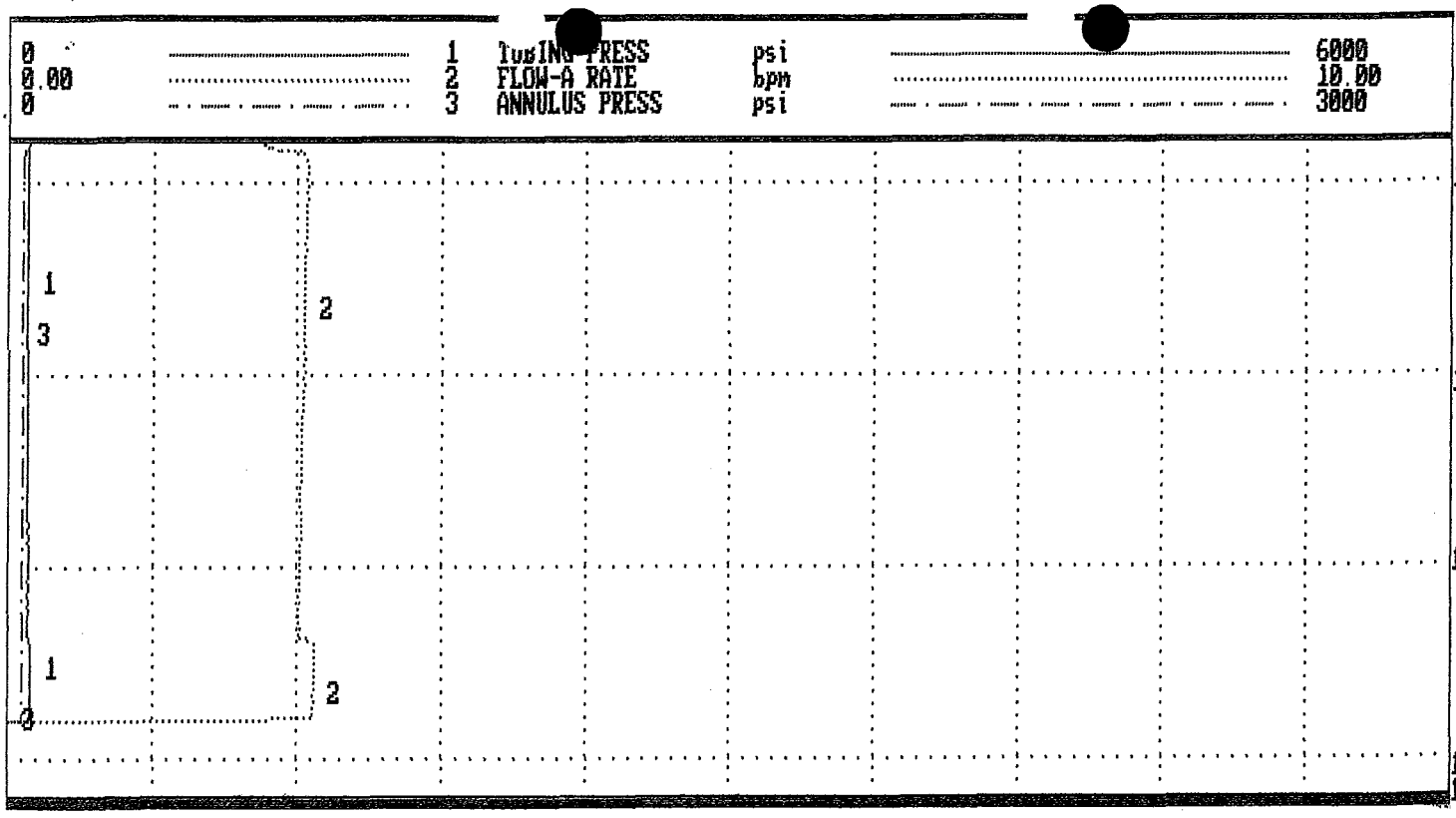
Customer: WESTPORT [redacted]AS
Well Desc: WELLINGTON FEDERAL SWD 44-06
Formation: WINGATE FORMATION

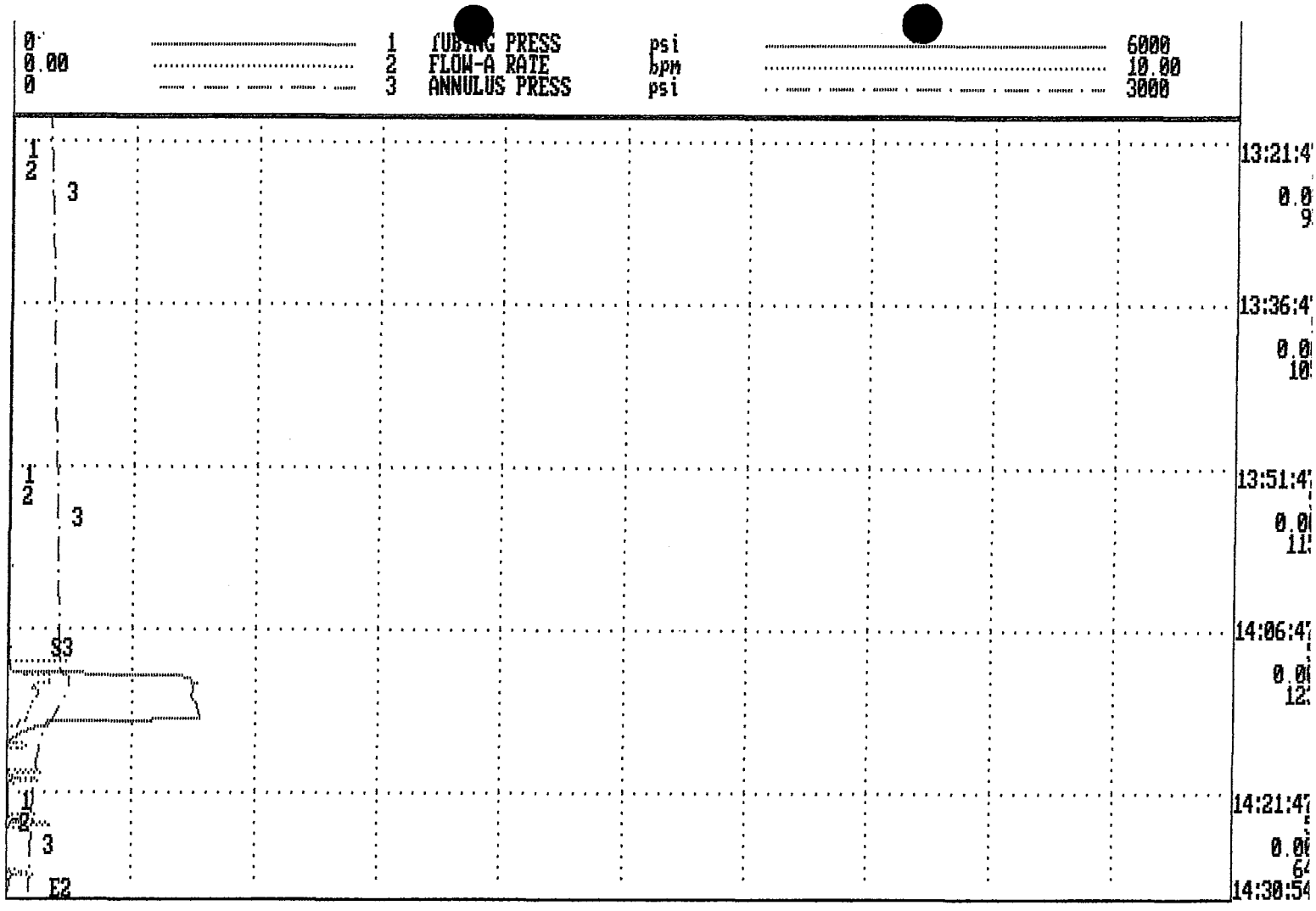
Date: [redacted]7-Apr-2004
Ticket #: 3045963
Job Type: INJECTION TEST

1. Tubing Press (psi)
2. Flow-A Rate (bpm)
3. Annulus Press (psi)

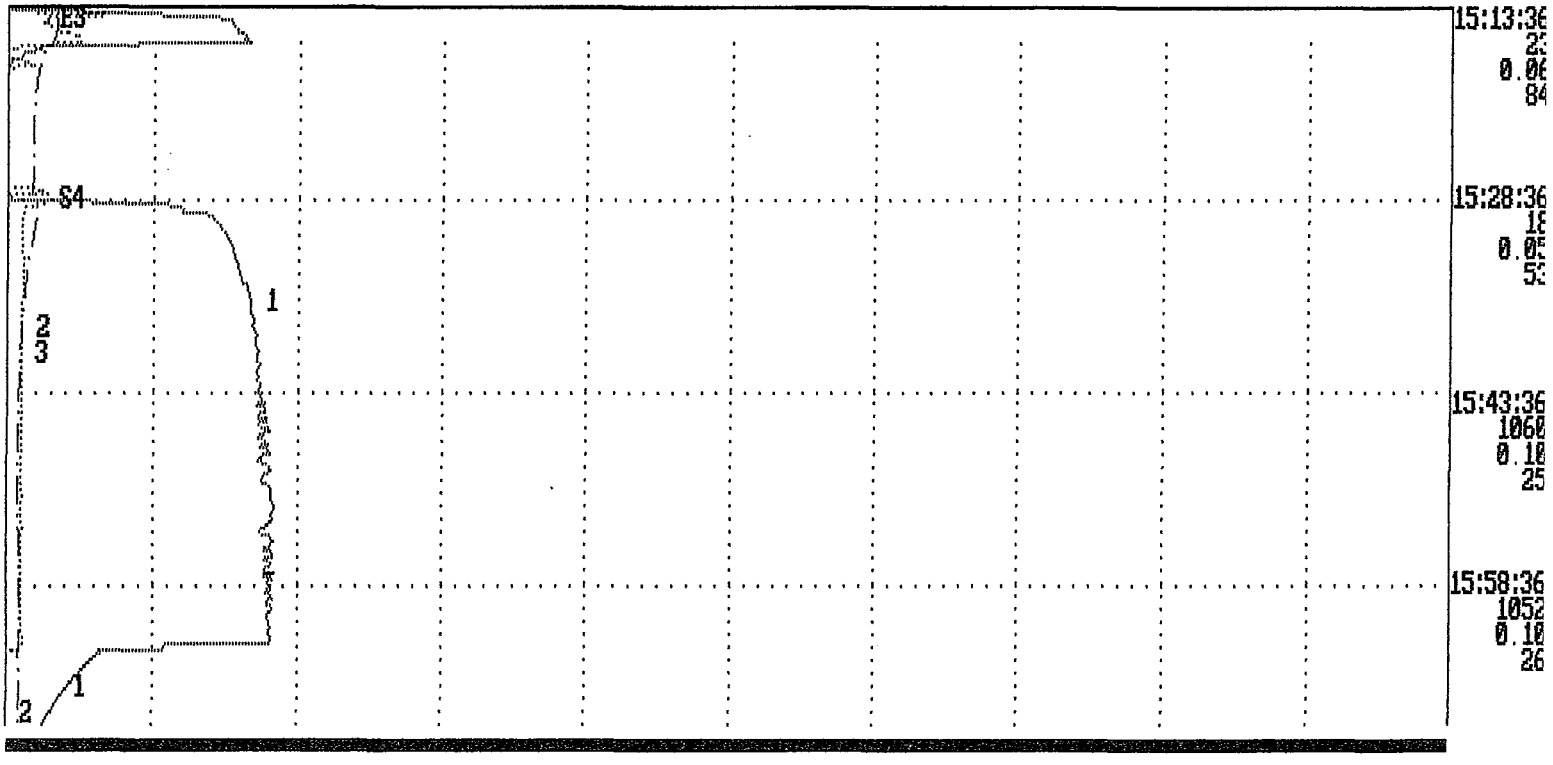



0
0.00
0
1 TUBING PRESS psi 6000
2 FLOW-A RATE bpm 10.00
3 ANNULUS PRESS psi 3000
16:13:36
16:28:36
16:43:36
16:58:36
17:13:36
17:28:36
17:43:36
17:58:36
18:13:36
SS


0
0.00
0
1 TUBING PRESS psi 6000
2 FLOW-A RATE bpm 10.00
3 ANNULUS PRESS psi 3000
18:28:36
88
2.07
31
18:43:36
82
2.04
31
18:58:36
84
2.02
31
19:13:36
19:16:41
1
2
3
1
2


0
0.00
0
1 TUBING PRESS psi 6000
2 FLOW-A RATE bpm 10.00
3 ANNULUS PRESS psi 3000
13:21:47
13:36:47
13:51:47
14:06:47
14:21:47
14:30:54
E2

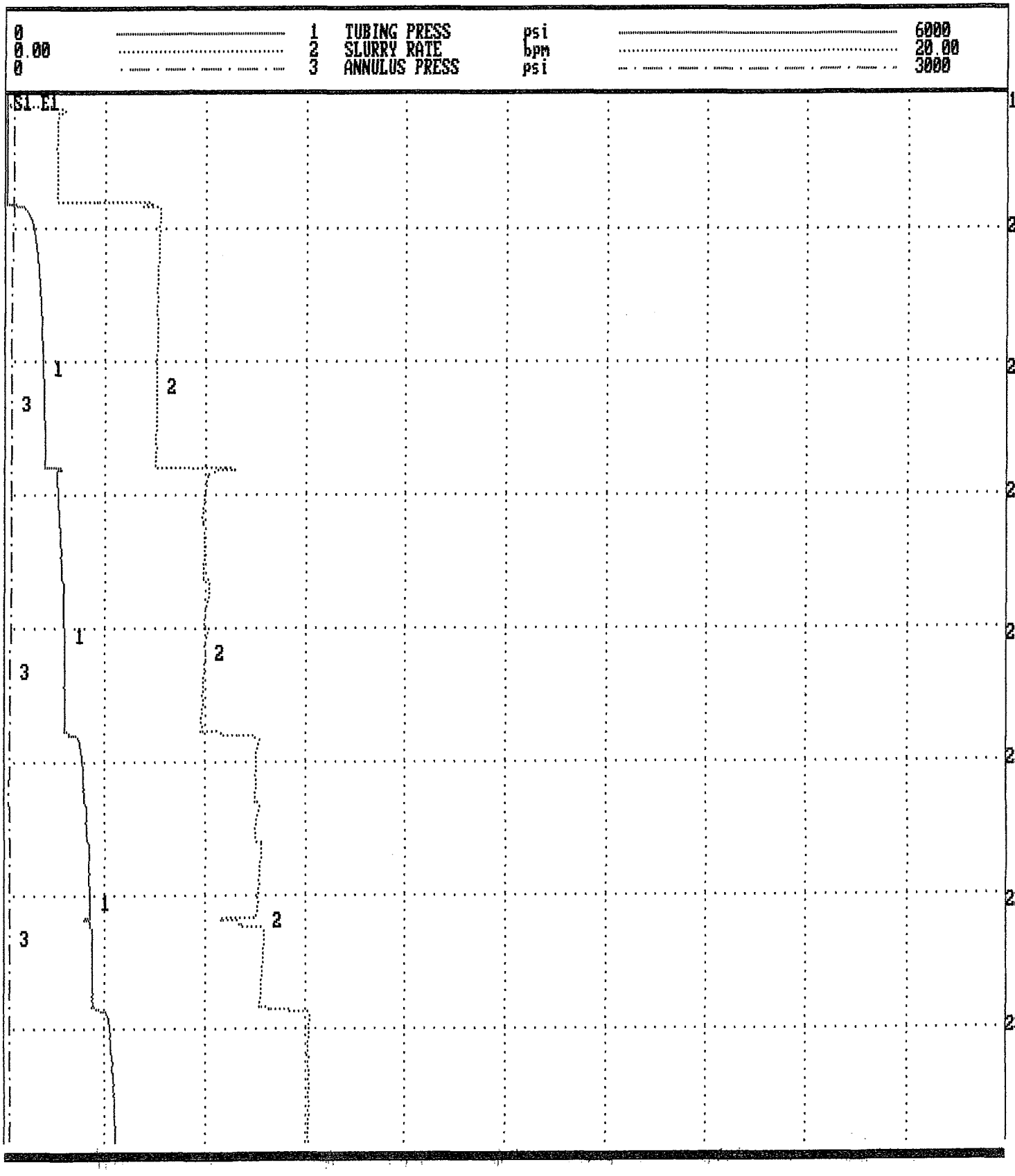
PAUSE

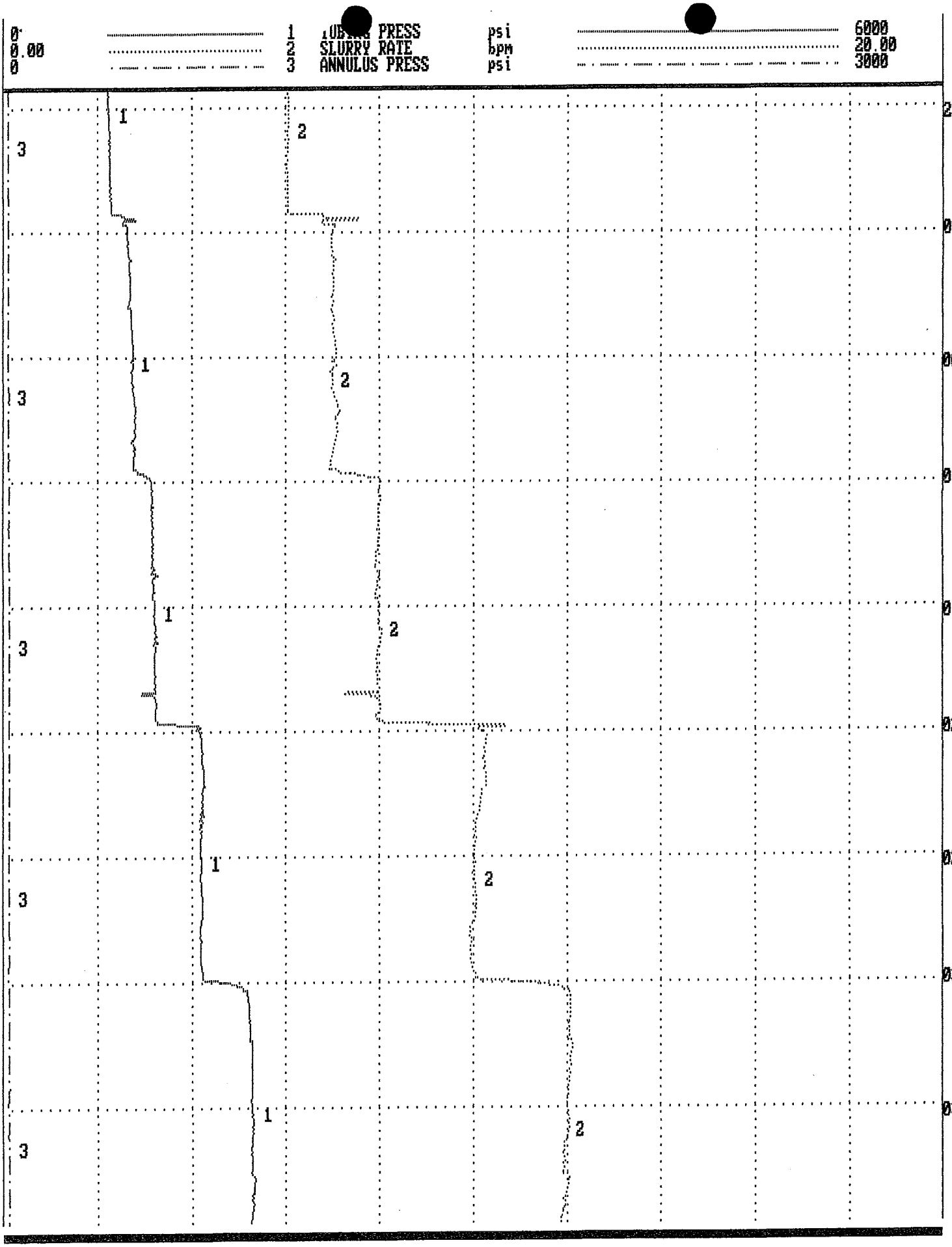

E3
S4
15:13:36
15:28:36
15:43:36
15:58:36

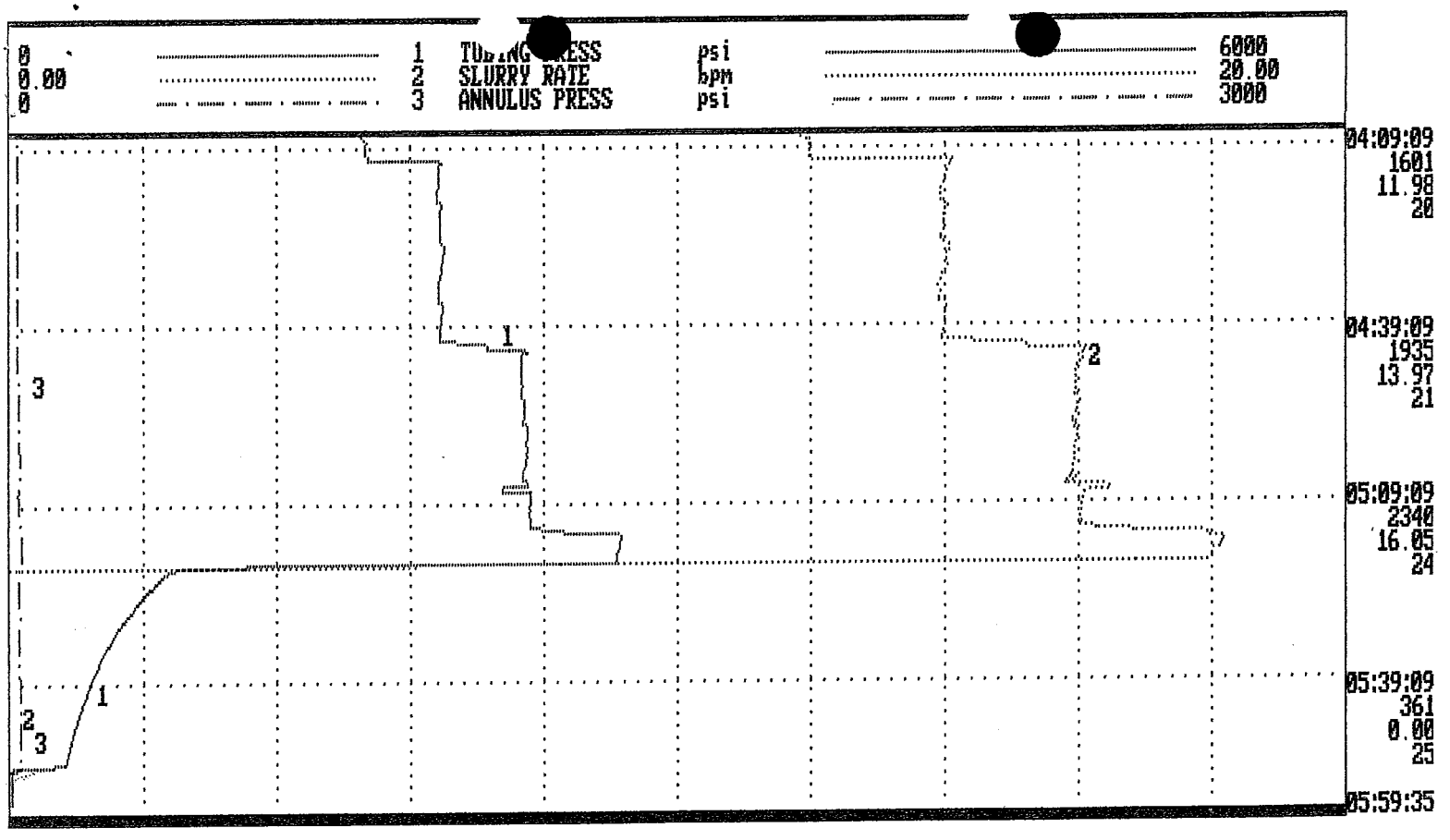
Customer: [redacted]
Well Desc: WELLINGTON FEDERAL SWD 44-06
Formation: WINGATE FORMATION

Date: [redacted]
Ticket #: 3045963.1
Job Type: INJECTION TEST

1. Tubing Press (psi)
2. Slurry Rate (bpm)
3. Annulus Press (psi)




0
0.00
0
1 TUBING PRESS psi
2 SLURRY RATE bpm
3 ANNULUS PRESS psi
6000
20.00
3000
23:39:09
00:09:09
00:39:09
01:09:09
01:39:09
02:09:09
02:39:09
03:09:09
03:39:09


0
0.00
0
1 TUBING PRESS psi 6000
2 SLURRY RATE bpm 20.00
3 ANNULUS PRESS psi 3000
04:09:09
1601
11.98
20
04:39:09
1935
13.97
21
05:09:09
2340
16.05
24
05:39:09
361
0.00
25
05:59:35
1
2
3

Rate, bpm	BHP
1	2562.6
3	2749.73
4	2831.443
5	2934.965
6	3017.237
7	3076.969
8	3121.44
10	3191.267
12	3262.746
14	3304.898
16	3344.566
18	3361.297

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-80561

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **Salt Water Disposal**

8. Well Name and No.
Wellington Federal 44-06 SWD

2. Name of Operator
WESTPORT OIL AND GAS COMPANY, L. P.

9. API Well No.
43-007-30912

3a. Address
1999 Broadway-Suite 3700 Denver, CO 80202

3b. Phone No. *(include area code)*
(303) 296-3600

10. Field and Pool, or Exploratory Area
Helper Field / Navajo

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SESE Sec. 6, T14S-R11E, S.L.B. & M
937' FSL, 658' FEL

11. County or Parish, State
Carbon County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other **MIT test**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be files within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Westport Oil and Gas Company, L. P., respectfully wishes to inform the proper authorities of a new MIT test. On 3/27/06 to alleviate annulus pressure, pulled tubing and packer. Found on/off tool to be cause of leak. Reran tubing, new packer and new on/off tool. Performed MIT test to 1000 psi for 15 minutes. Held ok. Test witnessed by Mark Jones, UDOGM Field Inspector. Returned well to injection 3/28/06.

RECEIVED
APR 0 6 2006
DIV. OF OIL, GAS & MINING

BLM Bond No. CO-1203 BLM Nationwide Bond 158626364

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Kristi A. Stover** Title **Sr. Engineering Analyst**

Signature Kristi A. Stover Date **4/3/06**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-80561

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **Salt Water Disposal**

8. Well Name and No.
Wellington Federal 44-06 SWD

2. Name of Operator
WESTPORT OIL AND GAS COMPANY, L. P.

9. API Well No.
43-007-30912

3a. Address
1999 Broadway-Suite 3700 Denver, CO 80202

3b. Phone No. *(include area code)*
(303) 296-3600

10. Field and Pool, or Exploratory Area
Helper Field / Navajo

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SESE Sec. 6, T14S-R11E, S.L.B. & M
937' FSL, 658' FEL

11. County or Parish, State
Carbon County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other **MIT test**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be files within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Westport Oil and Gas Company, L. P., respectfully wishes to inform the proper authorities of a new MIT test. On 3/27/06 to alleviate annulus pressure, pulled tubing and packer. Found on/off tool to be cause of leak. Reran tubing, new packer and new on/off tool. Performed MIT test to 1000 psi for 15 minutes. Held ok. Test witnessed by Mark Jones, UDOGM Field Inspector. Returned well to injection 3/28/06.

RECEIVED
APR 0 6 2006
DIV. OF OIL, GAS & MINING

BLM Bond No. CO-1203 BLM Nationwide Bond 158626364

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Kristi A. Stover** Title **Sr. Engineering Analyst**

Signature Kristi A. Stover Date **4/3/06**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by BRADLEY G. HILL Title ENVIRONMENTAL MANAGER Date 04-13-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-80561	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER SWD Injection	8. WELL NAME and NUMBER: Wellington Federal 44-06 SWD
2. NAME OF OPERATOR: Kerr-McGee Oil and Gas Onshore LP	9. API NUMBER: 4300730912
3. ADDRESS OF OPERATOR: 1999 Broadway Suite 3700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 450-8479	10. FIELD AND POOL, OR WILDCAT: Helper
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 937' FSL and 658' FEL	COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 6 14S 11E	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 3/19/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Step-Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Procedure for Step-Rate Test in the Navajo and Wingate formations. See attached wellbore diagram for more information.

1. Stop injecting, RIH w/ Tefteller downhole pressure gauges to mid-perf @ 5928'.
2. Begin pumping produced water down 3.5" 9.3#/ft J-55 tbg. Step-length = 20 min. Step-increment=0.5 bpm. First Step=0.5 bpm. Last Step=12 bpm.
3. If no break is seen, continue increasing rate until break is seen and pump three (3) rate above the parting point.
4. Total pump time = 8 hrs. Total injected water = 3000 bbls (if last step is 12 bpm)
5. Stop pumping and shut well in for a minimum of 24 hrs for pressure fall-off test.
6. POOH w/ downhole pressure gauges.
7. Return well to injection

Estimated date of work is the week of March 19, 2007.

Approved by the Utah Division of Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 3-6-07
Initials: RM

Date: 3/5/07

By: D. James

NAME (PLEASE PRINT) Matthew Peloquin TITLE Production Engineer

SIGNATURE Matthew Peloquin DATE 2/22/2007

(This space for State use only)

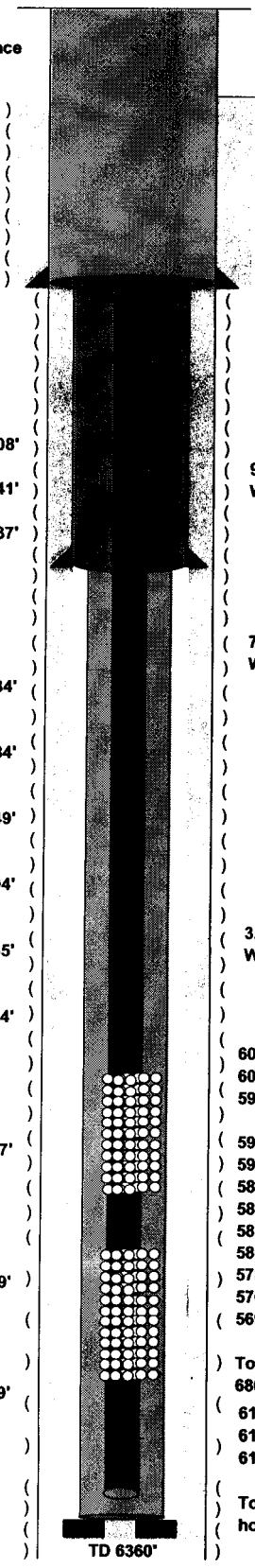
RECEIVED
FEB 2 6 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

WELLBORE DIAGRAM

Operator:	WESTPORT OIL AND GAS COMPANY, L. P.
Well Name:	WELLINGTON FEDERAL 44-6 SWD
Lease Serial No.:	UTU-80561
Location:	Sec. 6: T 14 S - R 11 E SESE
Field:	Helper
County:	Carbon
API Number:	43-007-30912

937' FSL, 658' FSL
SPUD: OCTOBER 10, 2003



FORMATION		
		KB
Mancos	Surface	
		GL 6086'

20" Conductor Pipe set @ 40', 40' TD
Weight 60# Grade F-25 24" Hole Diameter

10/8/03 Cement with 135 sxs redi-mix

13.375" Surface Casing set @ 445.65' / 450' TD, Weight 48#, Grade J-55 17.5" Hole Diameter

10/12/03 Cement with Halliburton with the following: Stage 1 Pump 20 bbls wtr, 20 bbls gelled wtr w/ flocele, 90 bbls wtr to break circ. Mix & pump 475 sxs Type 5 cmt w/ 2% CC, .025#/sx flocele, Class G @ 15.6# gal. Yield 1.18 cfs.

Ferron	2008'
Tununk	2241'
Dakota	2537'

9.625" Intermediate Casing set @ 2658' / 2660' TD.
Weight 40# Grade J-55 12.25" Hole Diameter

10/23/03 Cement with Halliburton with the following: Stage 1
Lead: 325 sxs, 16% gel, 1% EX-1, .7% HR-7, 3% salt (bwow), .25/sx flocele, 3#/ granulite, 5#/sx gilsonite, HIFL, 11# gal, Yield 3.86 cfs.
Tail: 285 sxs, 10% Calseal, 1% CC, .25#/sx flocele, Prem Plus, 14.2# gal. Yield 1.6 cfs

7" Production Casing set @ 6358.54' / 6360' TD.
Weight 26# Grade N-80 8.75" Hole Diameter

Morrison	3234'
Sumerville	3884'
Curtis	4249'
Entrada	4404'
Arapien	4465'
Carmel	5034'

11/6/03 Cement with Halliburton with the following:
Stage 1:
Lead: 100 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94, 12.5# gal.
Tail: 260 sxs 50/50 Pozmix, 2% Gel, .25#/sx flocele, .4% Halad-344, Pozmix, Yield 1.18 cfs, 14.3# gal.
Stage 2:
Lead 275 sxs 50/50 Pozmix, 8% gel, 8% CalSeal, .25#/sx flocele, Pozmix, Yield 1.94 cfs, 12.5# gal.
Tail: 125 sxs Prem-AG 300, Class G Yield 1.16 cfs, 15.8# gal.

3.5" Tubing set @ 5575'
Weight 9.30 Grade J-55

PERFORATIONS 11/14/2003
Baker Atlas 3 3/8" Perf Guns 4spf, 90 degree phasing, open

Navajo	5687'
Kayenta	6049'
Wingate	6099'

6042-6048
6022-6026
5998-6010 Total 22' 88 Holes

5947-5959 12' 48 Holes
5959-5980 21' 84 Holes
5876-5896 20' 80 Holes
5896-5927 31' 124 Holes
5853-5872 19' 76 Holes
5807-5812 5' 20 Holes
5783-5797 14' 56 Holes
5706-5722 16' 64 Holes
5696-5706 10' 40 Holes

Total perfs in Navajo 5696-6048 170' w/ 680 holes @ 4 JSPF in 10 runs

6146-6160 14' 56 Holes
6134-6146 12' 48 Holes
6102-6114 12' 48 Holes

Total perfs in Wingate 6102-6160 38' w/ 152 holes @ 4 JSPF in 3 runs

11/16/03 **Halliburton**
Acidize Navajo and Wingate perforations w/ 1000 gals 15% HCL in 5 stages of 2000 gals each. Ran 3000# rock salt plug between each acid stage. Flushed w/ 200 bbls formation broke @ 2450 psi-2100 psi @ 6 BPM, broke to 950 psi when acid hit formation. Released and reset packer @ 5668'. Resumed w/ 4 acid stages and 3 salt plugs @ 8 BPM, pressure varied from 1000 psi to 2375 psi. Good action when salt plugs hit formation. Displaced w/ 200 bbls water @ 8 BPM @ 2200 psi. Pumped 100 bbls and increased rate to 11 BPM, pressure increased to 3225 psi. ISIP 675 psi, 5 min 250 psi, 10 min 90 psi, 15 min 10 psi. Well on vac in 16 mins.

TD 6360'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTU-80561
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	N/A
7. UNIT or CA AGREEMENT NAME:	N/A
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER SWD Injection	8. WELL NAME and NUMBER: Wellington Federal 44-06 SWD
2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP	9. API NUMBER: 4300730912
3. ADDRESS OF OPERATOR: 1099 18th Street #1200 CITY Denver STATE CO ZIP 80202 / PHONE NUMBER: (303) 252-6226	10. FIELD AND POOL, OR WILDCAT: Helper
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 937 FSL 658 FEL	COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 6 14S 11E	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Step-Rate Test & Build Up
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. 3/19/2007 Stop injecting. RIH w/ Tefteller tandem electronic downhole pressure gauges to mid-perf @ 5928' KB, land at 08:13 hours.

2. Begin pumping produced brine down 3.5" 9.3#/ft J-55 tbg. Hole loaded @ 10bbl in. Established circulation @ 1 bpm 35 psi pump pressure. Step rate up @ 0.5 bpm increments, 20 minute step-length to 12.7 bpm & 1951 psi pump pressure. Total prouduced brine pumped 310 bbls during step-rate test. SWI for 20.9 hr pressure fall-off test. Data as follows:

   Parting pressure = 8.68 bpm @ 3124 psig BHP
   Surface pressure = 1575 @ 8.68 bpm parting pressure
   Fracture pressure = 3175 psi (0.54 psi/ft) @ 10.5 bpm

3. 3/20/2007 17:03 hrs Off bottom with tandem electron gauges, POH and returned well to injection.

Please see attachments

NAME (PLEASE PRINT) Kevin McIntyre TITLE Permitting Specialist

SIGNATURE _____ DATE 7/16/2007

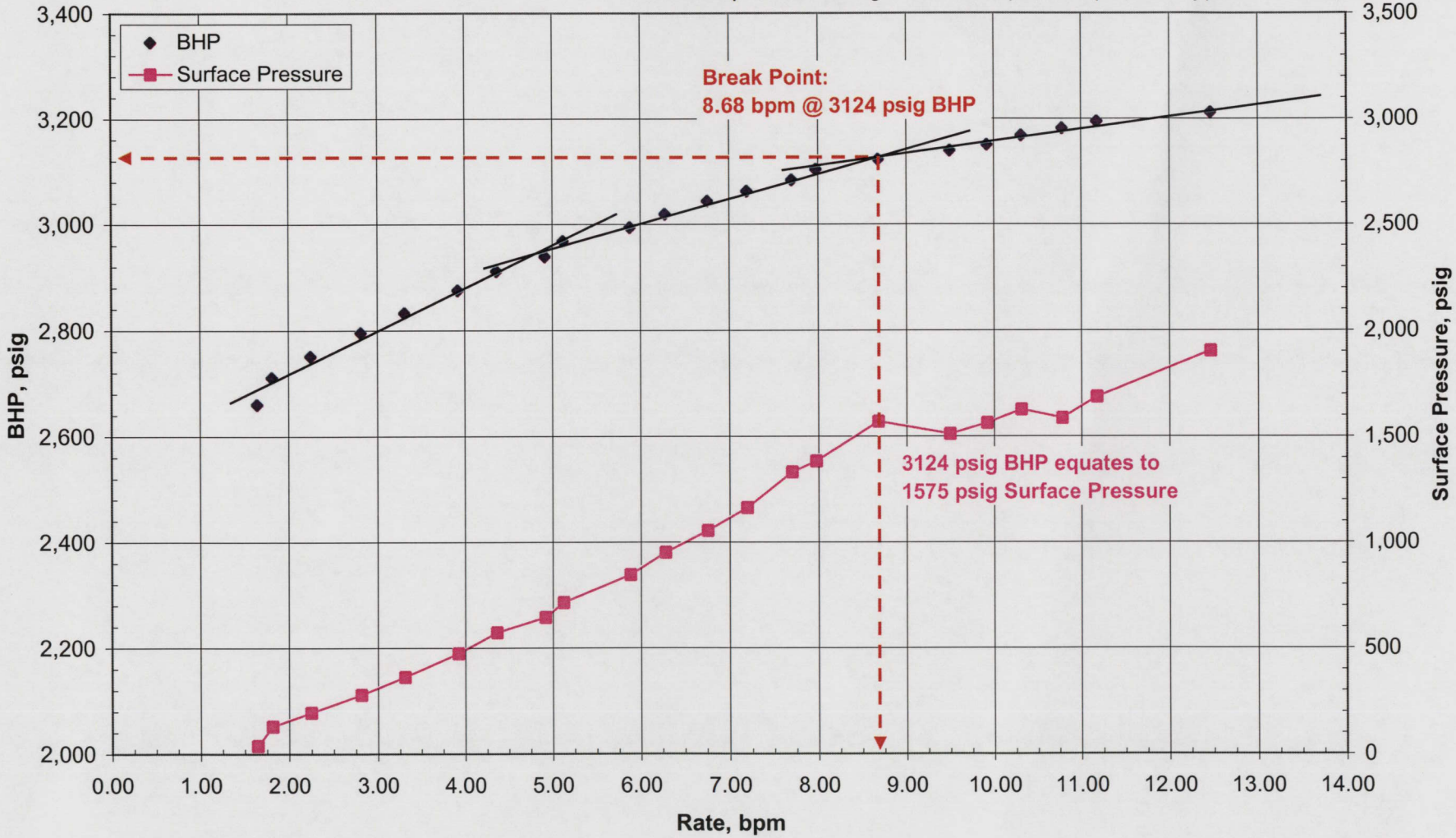
(This space for State use only)

RECEIVED
JUL 18 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Wellington Federal 44-06
Step-Rate Test
March 19, 2007

UIC-309 Permi, Approval: 11-24-03, Operator: Westport Oil & Gas Company
Max Allowable Surface Press = 910 psi
Injection Rate = 7.25 bpm (limited by pressure)
Injection Interval: 5696-6160 Navajo & Wingate Sanstones
5-12-04 Step Rate: Parting Pres = 3210 psi, 8.5 bpm, surf inj press = 1020 psi



Wellington Federal 44-6 SWD
Step-Rate Test
March 19, 2007

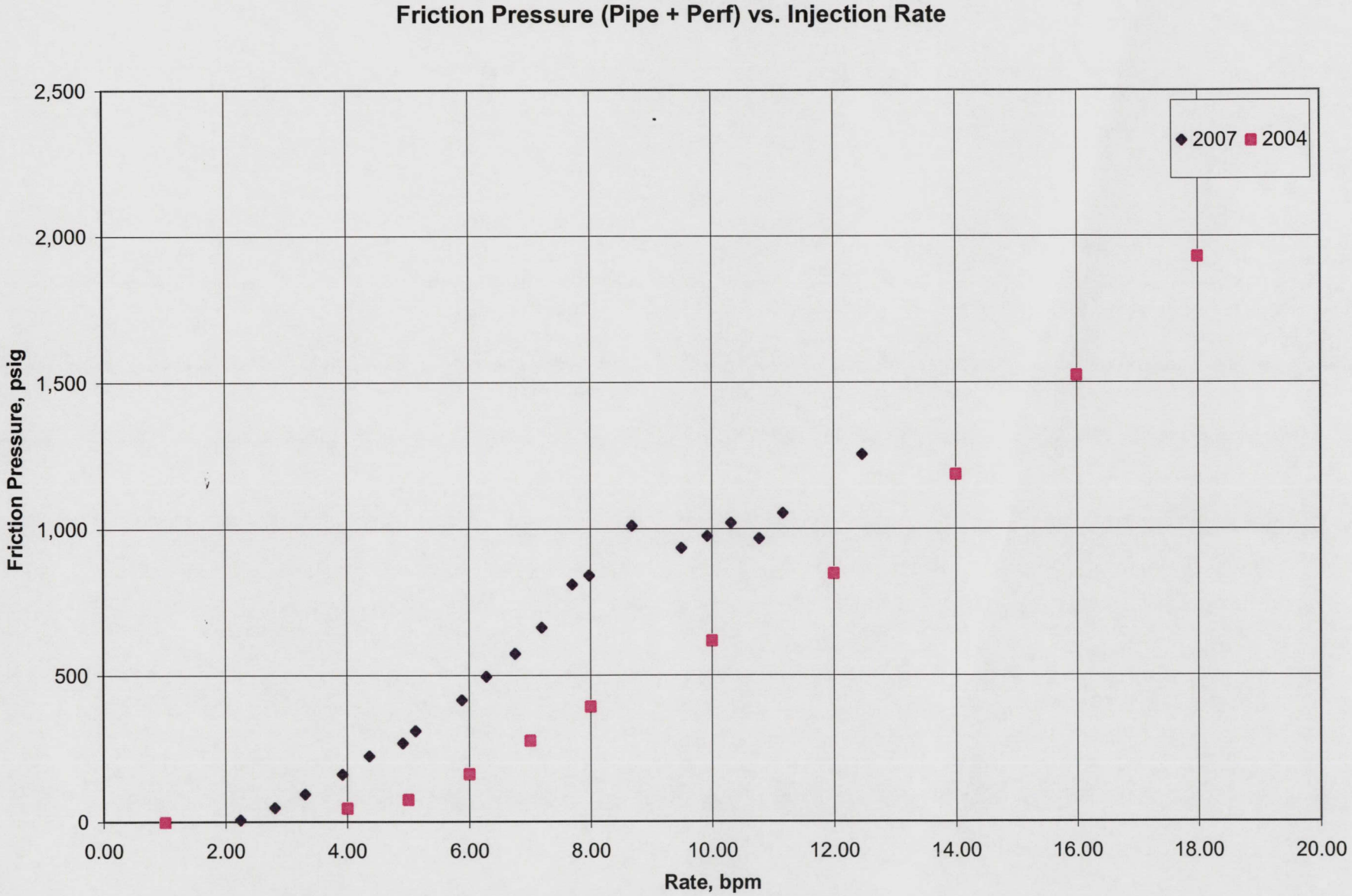
BH Pressure Gauge @ 5928' KB
KB = 14'

End of Rate Pressures

Negative means no friction

Rate, bpm	BHP, psig	Surface Pressure, psig	Hydrostatic Pressure, psig	Friction Pressure, psig (Pipe + Perf)	
1.64	2,661	43	2,561	-57	
1.81	2,712	134	2,561	-17	
2.24	2,752	199	2,561	8	
2.81	2,796	284	2,561	49	
3.31	2,833	368	2,561	95	
3.92	2,876	479	2,561	163	
4.36	2,913	578	2,561	226	
4.91	2,941	650	2,561	270	
5.12	2,970	720	2,561	311	
5.88	2,996	852	2,561	417	
6.28	3,021	957	2,561	497	
6.76	3,045	1,060	2,561	575	
7.20	3,064	1,168	2,561	665	
7.70	3,085	1,336	2,561	812	
7.98	3,105	1,387	2,561	843	
8.68	3,124	1,575	2,561	1,012	Parting Pressure
9.50	3,140	1,515	2,561	936	
9.92	3,151	1,567	2,561	977	
10.31	3,169	1,630	2,561	1,022	Fracture Pressure @ 10.5
10.78	3,182	1,590	2,561	968	Bpm @ 3175 psia
11.18	3,195	1,690	2,561	1,056	
12.47	3,212	1,907	2,561	1,256	

Permit Request:		
	% of Parting Pres, psi	90.0%
	Parting Pressure, psi	1418
	Injection Rate, Bpm	8.09
	Injetion Rate, Bwpd	11651


Friction Pressure (Pipe + Perf) vs. Injection Rate
2,500
2,000
1,500
1,000
500
0
Friction Pressure, psig
0.00
2.00
4.00
6.00
8.00
10.00
12.00
14.00
16.00
18.00
20.00
Rate, bpm
2007
2004

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTU-80561
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	N/A
7. UNIT or CA AGREEMENT NAME:	N/A
8. WELL NAME and NUMBER:	Wellington Federal 44-6 SWD
9. API NUMBER:	4300730912
10. FIELD AND POOL, OR WILDCAT:	Helper

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Disposal

2. NAME OF OPERATOR: Kerr-McGee Oil & Gas Onshore, LP

3. ADDRESS OF OPERATOR: 1099 18th Street #1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (720) 929-6226

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 937 FSL 658 FEL COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 6 14S 11E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Higher Injection Rate
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore, LP requests an increase in UIC-309 Permit for higher injection rates in the Helper Field, with the following notations:

Wellington Federal 44-6 SWD
March 19, 2007 Step Rate Test Analysis was submitted to UIC office 7-16-07 for injection rate increase.
Parting pressure 3124 psig @ 8.68 bpm injection rate with 1575 psig surface pressure.
Kerr-McGee requests the allowable injection limit to be srevised as referenced below.

Injection Rate: 8.09 bpm (90% of the 3124 psig parting pressure)
Maximum Surface Injection Pressure: 1418 psi
Maximum Injection Rate: 11,651 bwpd

Approved by the Utah Division of Oil, Gas and Mining

Date: 09-11-07

By:

COPY SENT TO OPERATOR
Date: 9-12-07
Initials: CHD

NAME (PLEASE PRINT) Kevin McIntyre TITLE Permitting Specialist

SIGNATURE DATE 8/30/2007

(This space for State use only)

RECEIVED
SEP 05 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

CA No. **Unit:**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 12/15/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 12/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 12/15/2006
3. Bond information entered in RBDMS on: 12/15/2006
4. Fee/State wells attached to bond in RBDMS on: 12/16/2006
5. Injection Projects to new operator in RBDMS on:
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Westport Oil Gas Co LP (N2115) to Kerr-Mcgee Oil Gas Onshore, LP (N2995) sorted by Unit, Lease Type API

well_name	sec	twsp	rng	api	entity	lease	well	stat
WELLINGTON FED 44-6 SWD	06	140S	110E	4300730912	13919	Federal	WD	A
WELLINGTON FED 22-04 SWD	04	140S	110E	4300730967	14826	Federal	WD	A
SOUTHMAN CANYON U 3	15	100S	230E	4304715880	99990	Federal	WD	A
OURAY SWD 1	01	090S	210E	4304733449	13274	Fee	WD	A
				NATURAL BUTTES UNIT				
NBU 21-20B	20	090S	200E	4304730359	2900	Federal	WD	A
CIGE 9	36	090S	220E	4304730419	2900	State	WD	A
NBU 159	35	090S	210E	4304731996	2900	State	WD	A
NBU 47N2	30	100S	220E	4304730534	2900	Federal	WI	A
NBU 347	11	100S	220E	4304733709	2900	State	WI	A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
Several-See Attached	
Location of Well	Field or Unit Name
Footage : County : Uintah	Natural Buttes
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 1/6/2006

CURRENT OPERATOR

N2115

Company: Westport Oil and Gas Company
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: (435) 789-4433
Comments:

Name: Carroll Estes
Signature: Carroll Estes
Title: Principal Environmental Specialist
Date: 12/14/2006

NEW OPERATOR

N2995

Company: Kerr McGee Oil and Gas Company, LP
Address: 1368 South 1200 East
city Vernal state UT zip 84078
Phone: (435) 789-4433
Comments:

Name: Carroll Estes
Signature: Carroll Estes
Title: Staff Environmental Specialist
Date: 12/14/2006

(This space for State use only)

Transfer approved by: Dan Jarvis
Title: UIC Geologist

Approval Date: 12/20/06

Comments:
Only applies to Wellington Fed 44-6 and Wellington Fed 22-04.
All other wells are in Indian Country and need EPA approval

RECEIVED
DEC 15 2006
DIV. OF OIL, GAS & MINING

(5/2000)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

BLM BOND = CO1203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
Randy Bayne	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Brad Laney		5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:
CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

> Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:
List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357
Rider #2 to Bond WY1865
Rider #3 to Bond WY1127

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure
Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED
MAR 2 8 2006
DIV. OF OIL, GAS & MINING

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: 44-6 SWD API Number: 43-007-30912
Qtr/Qtr: SE/SE Section: 6 Township: 14S Range: 11E
Company Name: Kerr McGee / Anadarko

Lease: State ____ Fee ____ Federal X Indian ____
Inspector: Marc Jones Date: 3/18/09

Initial Conditions:

Tubing - Rate: 0 Pressure: 380 psi

Casing/Tubing Annulus - Pressure: 250 psi

Conditions During Test:

Time (Minutes)		Annulus Pressure	Tubing Pressure
0	8:20	1300	380
5			
10			
15	8:35	1300	380
20			
25			
30	8:50	1300	380

Results: (Pass)/Fail

Conditions After Test:

Tubing Pressure: 380 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: Annulus psi bled off to 0# when casing valve was opened prior to pressuring up for test. Annulus gauge would not pressure up for test. Test was charted.

Dave Wilcox
Operator Representative

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: 44-6 SWD API Number: 43-007-30912
Qtr/Qtr: SE/SE Section: 6 Township: 14S Range: 11E
Company Name: Kerr McGee / Anadarko

Lease: State ____ Fee ____ Federal X Indian ____
Inspector: Marie Jones Date: 8/18/09

Initial Conditions:

Tubing - Rate: 0 Pressure: 380 psi

Casing/Tubing Annulus - Pressure: 250 psi

Conditions During Test:

Time (Minutes)		Annulus Pressure	Tubing Pressure
0	8:20	1300	380
5			
10			
15	8:35	1300	380
20			
25			
30	8:50	1300	380

Results: (Pass)/Fail

RECEIVED
DEC 15 2009
DIV. OF OIL, GAS & MINING

Conditions After Test:

Tubing Pressure: 380 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: Annulus psi bled off to 0 # when casing valve was opened prior to pressuring up for test. Annulus gauge would not pressure up for test. Test was charted.

Dave Wilcox
Operator Representative

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 25, 2014

Kerr McGee Oil & Gas Onshore, L.P.
60 S. 700 E. Unit #1
Price, UT 84501

SUBJECT: Pressure Test for Mechanical Integrity, Wellington Fed 44-6 SWD (API# 43-007-30912) Well, Carbon County, Utah:

To Whom It May Concern:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. The following well requires a current test:

Wellington Fed 44-6 SWD 43-007-30912 6 14S 11E

Please make arrangements and ready wells for testing during the week of August 11th, 2014, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.

2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

3. If mechanical difficulties or workover operations make it impossible for the well(s) to be tested on this date the test(s) may be rescheduled.

4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

5. All bradenhead valves with exception of the tubing on the injection well(s) must be shut-in 24 hours prior to testing.

Please contact me at (435) 820-0862 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File